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# FLORAL GUIDE

AND

## Gardener's Manual

FOR 1871,

SENT TO ANY ADDRESS FOR FIVE CENTS.

**PHELPS & REYNOLDS,**

Importers and Growers of Choice Flower and Vegetable Seeds,

38 NORTH FITZHUGH STREET,

*Rochester, N. Y.*

ROCHESTER, N. Y.

EXPRESS BOOK AND JOB PRINTING HOUSE, 23 BUFFALO ST.  
1871.

## TO OUR PATRONS.

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*With all possible care, mistakes will sometimes occur. These we are always ready to rectify at our own expense. If any of our customers last year failed to receive their Seed, or they failed to germinate, they can order this year free of charge.*

## OUR WARRANTS.

*We warrant the money you send shall reach us if sent as directed below ;*

*That the Seed ordered shall reach you;*

*That the Seed sent shall be of the kind ordered—pure and good ;*

*That you shall be MORE than satisfied.*

*BE CAREFUL TO WRITE YOUR ADDRESS IN FULL, giving the State and Post Office. Some of our customers forget to give us the name of their State or Post Office, and sometimes fail to sign THEIR NAME.*

## SEEDS FREE BY MAIL.

*We send all our Seeds post-paid by mail, and take all the risk, THUS PLACING OUR SEED WAREHOUSE AT YOUR POST OFFICE. Do not order your Seeds sent by Express if they can come by Mail cheaper. Postage is half a cent per ounce.*

## HOW TO SEND MONEY.

*Buy Post Office Order or Draft AT OUR EXPENSE, and ten dollars or over may be sent by Express at our expense. If you cannot get Money Order at your office, TWO DOLLARS may be sent in a letter at our risk.*

## FREE BY EXPRESS.

*We send large orders for Seeds FREE by Express, except Norway Oats and Potatoes; those we deliver to Express or Railroad Companies, packages free.*

*We can furnish all kinds of Flower and Vegetable Seeds, Plants, &c., though not named in our catalogue.*

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## INTRODUCTION.

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**F**LOWERS have become almost a necessity to persons of taste and culture. The resident upon the prairie of the West, the planter of the South as well as the dweller in the Metropolis, must have the grand PEONY-FLOWERED ASTERS, the brilliant double ZINNIAS, the boldly-marked and rich colored PETUNIAS, the double PORTULACAS, like miniature roses, the HEDDEWIGGI PINK, &c., &c., as well as the new acquisitions from Japan.

To supply this demand with the choicest seed shall be our aim. We shall, this year, send twenty varieties of PHLOX in one packet, the same as last year; twenty-four varieties of finest quilled ASTERS; sixteen of BALSAMS, &c., &c. We warrant our FLOWER SEEDS to be as represented, and to be as good as can be obtained in Europe or America.

Our VEGETABLE SEEDS cannot be excelled. We warrant them to germinate.

Those introduced by us from California have been thoroughly tested, from Maine to Florida, and every person has been well pleased with them.

We especially recommend our early ORANGE TOMATO, MAMMOTH SWEET WATER MELON, CALIFORNIA SQUASH (which weighs about 150 pounds, and is very fine for pies and the table).

Our design shall be to aid the purchaser in making a judicious selection rather than set before him too great a variety, and in all respects to treat him in such a manner as to insure his future custom.

If any of our customers failed to receive their seeds last year, they can order them this year free of charge. Address

PHELPS & REYNOLDS,

38 North Fitzhugh Street,

O. D. PHELPS,  
M. G. REYNOLDS.

Rochester, N. Y.

## SEEDS, PLANTS, BULBS, ETC., BY MAIL.



By the postage-laws, SEEDS, BULBS, ROOTS, PLANTS AND SCIONS may be sent by mail at the rate of *two cents* for every FOUR OUNCES in weight, no package to exceed *four pounds*; and, agreeably to this law, any seeds or bulbs named in this catalogue will be sent, POSTAGE PAID, at the prices quoted.

As an inducement to persons who desire a large collection, or for the formation of clubs, we will send by mail, *free of postage*, to any address in the United States, on the receipt of the amount of order, seeds as follows:

Purchasers remitting \$1 00 may select seeds at Catalogue prices am'ting to \$1.20							
"	"	2.00	"	"	"	"	2.50
"	"	3.00	"	"	"	"	4.00
"	"	4.00	"	"	"	"	5.50
"	"	5.00	"	"	"	"	7.00
"	"	10.00	"	"	"	"	14.00

N. B.—This discount allowed on FLOWER AND VEGETABLE SEEDS in packets only.

For the benefit of those who desire a fine display of flowers from bulbs and annuals, and are unacquainted with the varieties, we have made up the following collection with great care, selecting such only as, with proper care and attention, are sure to give satisfactory results:

### COLLECTION NO. 1, PRICE \$2.50, CONTAINS

- 10 Papers Flower Seeds. Choice annuals.
- 6 Fine Gladiolus.
- 3 Double Tuberose.
- 3 Tigridias, mixed varieties.
- 1 Lilium Lancifolium.

### COLLECTION NO. 2, PRICE \$5.00, CONTAINS

- 20 Papers Flower Seeds. Choice annuals.
- 12 Fine Assorted Gladiolus.
- 6 Double Tuberose.
- 3 Lilium Lancifolium (Album, Roseum and Rubrum).
- 3 Tigridias. Mixed varieties.

## COLLECTION NO. 3, PRICE \$10.00, CONTAINS

- 25 Papers Flower Seeds. Extra fine annuals.
- 18 Fine Assorted Gladiolus.
- 12 Double Tuberoses.
- 3 *Lilium Lancifolium* (Album, Roseum and Rubrum).
- 1 " *Monstrosum*.
- 1 " *Auratum*.
- 12 *Tigridias*. Mixed varieties.
- 3 *Amaryllis Formosissima*.
- 1 *Vallota Purpurea*.

## COLLECTION NO. 4, PRICE \$20.00, CONTAINS

- 30 Papers Flower Seeds. Extra fine annuals.
- 25 Choice Gladiolus, named varieties, one each.
- 12 Double Tuberoses.
- 6 *Lilium Lancifolium* (Album, Roseum and Rubrum).
- 3 " *Monstrosum*, " " "
- 2 " *Longiflorum*.
- 1 " *Tigrinum*.
- 1 " *Aurantiacum*.
- 1 " *Excelsum*.
- 1 *Caladium Esculentum*.
- 12 *Tigridias*. Mixed.
- 6 *Amaryllis Formosissima*.
- 6 Maderia Vine.
- 2 *Tritoma Uvaria*.
- 12 Finest *Dahlia*s.

Collection No. 4 being too heavy to be sent by mail, will be carefully packed and delivered free of charge, to any of the Express Companies, upon the receipt of the price.

Persons desiring us to make their selections may rely upon our sending only those which are really showy and handsome, and easy to cultivate. We believe that our experience will enable us to make selections that cannot fail to give entire satisfaction to any lady or gentleman who may send us their orders.

In sending orders for seeds by mail, it will be necessary to give the name of the person to whom they are to be sent, and the names of the Town and State should be so plainly written that there may be no mistaking a single letter. We often receive letters containing money, the signatures of which are so indistinct as to make it almost impossible to decide where and to whom the seeds are ordered to be sent.

In making up orders, it is requested that the articles be given in a plain list by themselves, and not mixed in the body of a letter. This will very much assist in their execution and dispatch. Also, please give any necessary instructions as to forwarding.

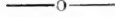
Orders from unknown correspondents must be accompanied by cash or a satisfactory reference. One of the safest modes of remitting is by money orders, which can now be obtained at all the principal post-offices.

No charge for boxes, packing, or for delivery to Express Companies.



## SOIL FOR FLOWERS.

The soil should be a rich loam, the deeper the better, well pulverized. A good garden soil will grow fine flowers. Do not sow *tender* annuals until the weather is warm. Many of our customers sowed Phlox as late as June 15th, and had a fine display.



## FLOWERS FOR A CONSTANT BRILLIANT SHOW.

These are the Aster, Antirrhinum, Balsam, Dianthus, Delphinium, Pansy, Petunia, Phlox Drummondii, Portulaca, Salpiglossis, Scabiosa, Stock, Double Zinnia, and other varieties that we have not space to name, should be in every collection.



## FLOWERS FOR MASSES OF COLOR.

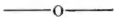
In modern gardening it is quite popular to grow entire beds of a particular color. The effect is very striking. White flowers are in great demand for cutting for weddings and for wreathing the pale yet still beautiful forms of the loved and lost. The following are some of the most desirable plants for growing in masses for display in the garden. A few of the taller varieties are most desirable for cutting.

**WHITE.**—Sweet Alyssum, Candytuft, Clarkia, Sweet Pea, Phlox, Portulaca Stock.

**BLUE.**—Larkspur, Myosotis, Sweet Pea.

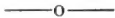
**SHADES OF RED.**—Cacalia coccinea, Dianthus, Sweet Pea, Petunia, Phlox, Portulaca, Stock, Zinnia.

**YELLOW.**—Calliopsis, Eschscholtzia, Marigold, Portulaca, Dwarf Tropæolum.



## FOR A SUMMER HEDGE.

There are some situations where a low hedge or screen is very useful and ornamental. We don't know of anything that will make a prettier hedge, supported by neat brush, than the Sweet Pea. The Amaranthus makes a fine ornamental hedge; the foliage is dark, rich, and some varieties two or three colored. Delphinium cardiopetalum always pleased us for this purpose—about eighteen inches or two feet in height. The Double Zinnia makes a very good background or hedge. Almost any tall-growing plant may be used for this purpose.



## ORNAMENTAL-LEAVED PLANTS.

Plants with ornamental leaves are becoming popular in all parts of the world. They produce a very fine effect when grown in a group of half a dozen or more together. For usefulness in this respect, we know of nothing better than the Cannas, Ricinus, Amaranthus, Perilla Nankinensis and the Striped-leaved Japanese Corn. The seed of all these but the Cannas may be sown in the open ground, and will



## SELECT LIST

OF

## Choice Flower and Vegetable Seeds.

**ABRONIA**, Nat. Ord. *Nyctaginaceæ*.

A charming plant, with verbena-like head of sweet-scented flowers. Very effective in beds, rock-work, or in baskets suspended in a conservatory; growing freely in any light, rich soil, and flowering from August to October.

	pkt.	cts.
<b>Abronia Umbellata</b> , rosy-lilac, half-hardy annual; from California. Half foot high,.....	10	
“ <b>Fragrans</b> , white, .....	15	

**ADLUMIA** (**Mountain Fringe**).

<b>Adlumia cirrhosa</b> , a beautiful hardy climbing plant. Hardy biennial, 15 ft.	10
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**ACROCLINIUM**, Nat. Ord. *Compositæ*.

An elegant new annual from Swan River, producing beautiful everlasting flowers resembling the *Rhodanthe Manglesii*, but much larger; should be grown in every collection; fine for winter bouquets, flowering in any garden soil. Hardy annuals.

<b>Acroclinium Atroroseum</b> , deep rose-color, 1 foot,.....	10
“ <b>Roseum</b> , light rose, 1 foot,.....	10
“ <b>Album</b> , pure white, 1 foot, .....	10
“ “ mixed, .....	10

**ALYSSUM**, Nat. Ord. *Cruciferae*.

One of the most useful. free flowering little plants, either for growing in pots, on rock-work, or the open border, the annual varieties blooming nearly the whole Summer.

<b>Alyssum Argenteum</b> , yellow, silvery foliage; from Switzerland Hardy perennial. One foot,.....	05
“ <b>Benthamii</b> , white, fine hardy annual. One foot,.....	05
“ <b>Saxatile</b> , yellow, very showy, hardy perennial. One foot,.....	05
“ <b>Sweet (Maritima)</b> , a well-known fragrant little annual, from England. One foot,.....	05.

**AMARANTHUS**, Nat. Ord. *Amarantaceæ*.

Ornamental foliaged plants, of an extremely graceful and interesting character, producing a striking effect, whether grown for the decoration of the conservatory or out-door flower garden. If the seeds are sown early, and planted out the last of May or in June, in rich soil, they make exceedingly handsome specimens for the center of beds, or mixed flower or shrubby borders. Half hardy annuals.

		pkt.	cts.
<b>Amaranthus Melancholicus</b> , new; a beautiful novelty, rivaling the Perilla Nankinensis for groups and edgings; of dwarfer habit, and of a lively blood-red colored foliage,.....		10	
" <b>Caudatus</b> (Love lies Bleeding), very pretty; from East Indies. Three feet,.....		05	
" <b>Hypochondriacus</b> (Prince's Feather), red; from East Indies. Three feet,.....		05	
" <b>Monstrosus</b> , very large and showy; from East Indies. Three feet,.....		05	
" <b>Sanguineus</b> , a fine dark variety; from India. Three feet,.....		10	
" <b>Tricolor</b> (Joseph's Coat), an old favorite, the chief beauty of which consists in its beautiful yellow, scarlet and green variegated leaves. Two feet,.....		05	

### ANAGALLIS, Nat. Ord. *Primulaceæ*.

This is a class of beautiful trailing plants, that will be found highly ornamental for bedding purposes, as they bloom all the season. The Anagallis is also an old favorite for growing in greenhouses, presenting an extremely graceful appearance when cultivated in pots or vases. Hardy annuals

<b>Anagallis India</b> (Indian Pimpernel), blue, trailing; from Nepaul. Half foot,.....	05
" " <b>Carnea</b> , flesh-color. Half foot,.....	10
" " <b>Coccinea</b> , scarlet. Half foot,.....	10
" " <b>Rubra</b> , beautiful red. Half foot,.....	10
" " <b>Eugenie</b> , beautiful light-blue, shaded from the center to pure white. Half foot,.....	10
" " <b>Garibaldi</b> , rich vermilion; rare. Half foot,.....	10
" " " mixed (large flowered varieties),.....	10

### ANTIRRHINUM (Snapdragon), Nat. Ord. *Scrophulariaceæ*.

The Snapdragon, or Antirrhinum, is one of our most showy and useful border plants. Amongst the more recently improved varieties of this valuable genus are large, finely shaped flowers, of the most brilliant colors, with beautifully marked throats; will bloom the first season from seed, and are very effective in beds or mixed borders. Half-hardy perennials.

<b>Antirrhinum Majus Album</b> , pure white; 2 feet,.....	10
" " <b>Brilliant</b> , crimson and white; 2 feet,.....	10
" " <b>Delila</b> , carmine, white throat; 2 feet,.....	10
" " <b>Firefly</b> , orange, scarlet and white; 2 feet,.....	10
" " <b>Galathea</b> , crimson, yellow and white; 2 feet,.....	10
" <b>Nanum Album</b> , dwarf, pure white; 1 foot,.....	10
" " <b>Firefly</b> , orange, scarlet and yellow; 1 foot,.....	10
" " <b>Extra fine</b> , mixed,.....	10
" " <b>Good</b> , mixed,.....	05

### AQUILEGIA (Columbine), Nat. Ord. *Ranunculaceæ*.

This pretty and interestingly varied genus of plants scarcely meets with the amount of appreciation it deserves; it is an extremely showy and ornamental early summer flowering herbaceous plant, combining the most curious forms with the most beautiful and striking colors; succeeds in any garden soil. Hardy perennials.

<b>Aquilegia Alba Pleno</b> , new; double, white, fine,.....	25
" <b>Caryophylloides</b> , white, variously striped with reddish crimson; a beautiful double variety; 1 foot,.....	25
" <b>Formosa</b> , double; crimson and orange; 1½ feet,.....	20
" " <b>Rosea</b> , beautiful rose-color; double; 2 feet,.....	20
" " " choicest mixed,.....	05



AQUILEGIA.



NEW GIANT EMPEROR ASTER.

**ASTER**, Nat. Ord. *Compositæ*.

pkt. cts

This splendid class of plants is not only one of the most popular, but also one of the most effective of our garden favorites, producing, in profusion, flowers in which richness and variety of color is combined with the most perfect and beautiful form; it is indispensable in every garden or pleasure ground where an autumnal display is desired. In our flower beds and mixed borders it occupies a deservedly prominent position, whilst for grouping or ribbining it stands unrivaled.

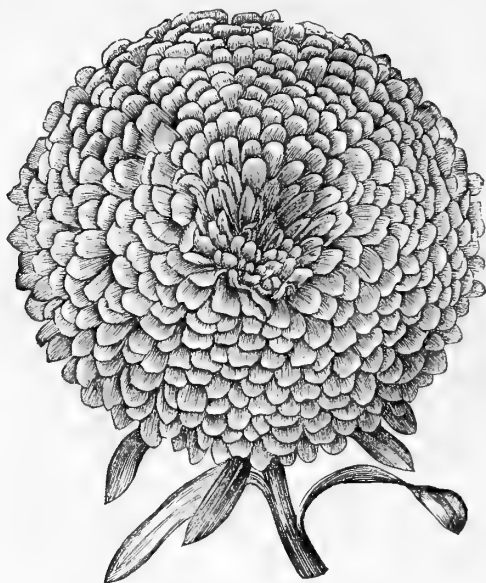
The Aster may be divided into two grand sections, French and German. The French as improved by Truffaut, has flat petals either reflexed or incurved; the former resembling the Chrysanthemum, while the latter, turning its petals towards the center of the flower, forms, when well grown, a perfect ball, and is best described by its resemblance to the Pæony. The German varieties are quilled; the most perfect flowers are surrounded by a circle of flat or guard petals, as in the Hollyhock. The flowers of these are particularly admired for the exquisite symmetry of their form. The dwarf bouquet varieties of this beautiful genus are from nine to fifteen inches high, and particularly adapted for small beds, edgings, or pot culture; they often flower so profusely as entirely to hide their foliage. All the varieties delight in a light soil, and in dry hot weather should be mulched with well rotted manure, and frequently supplied with manure water; this labor will be amply compensated by the increased size, beauty and duration of the flowers. Half hardy annuals.

<b>Aster, New Giant Emperor</b> , very large flowers, but not numerous; mixed colors,.....	25
“ <b>New Dwarf Chrysanthemum-flowered</b> , a new class and very desirable on account of its large and perfect flowers, great beauty and late blooming; all colors mixed; about 12 inches,.....	10
“ <b>La Superb</b> , all colors of this magnificent, largest-flowered variety mixed; 18 inches,.....	20
“ <b>La Superb, New Pæony-flowered</b> , all colors of this superb new variety mixed; 18 inches,.....	20



FRENCH PÆONY PERFECTION ASTER, ONE-HALF NATURAL SIZE.

- 
- Aster, New Rose.** This new class is intermediate between the large-flowered Imbrique and Pæony Perfection, or Truffaut's. Very robust, with large flowers double to the center, having the outer petals finely imbricated. A plant in full bloom is a magnificent object; robust enough to keep upright in rainy weather without support. Colors most brilliant and of every conceivable variety, 20
- “ **French Pæony-flowered Perfection**, very large, beautiful flowers, petals long, a little reflexed; one of the best; 20 inches to 2 feet in height; mixed colors,..... 10
- “ **Truffaut's Pæony-flowered Globe**, a new and very fine variety, and the earliest of the Asters—at least two weeks earlier than Truffaut's Pæony-flowered Perfection; flowers very large; plant branching and strong; does not require tying,..... 15
- “ **New Cocardeau, Imbrique Pompon**, a most beautiful Aster; lilac with white center, and rose with white center, mixed; 18 inches,.. ..... 15
- “ **New Branching Cocardeau**, new and handsome; best mixed,..... 20
- “ **New Cocardeau Pyramidal**, with white center, splendid; choice mixed,..... 20
- “ **New Victoria, Large-flowered**, habit pyramidal; flowers as large as the Emperor Aster and rich in colors; about 2 feet high; finest mixed,..... 25
- “ **New Perfection Pyramidal Magenta**, a most beautiful new magenta-colored variety, ..... 20
- “ **Hedge-Hog, or Needle**, petals long, quilled; and sharply pointed; very curious and fine; 2 feet; colors mixed,..... 10



TRUFFAUT'S PÆONY-FLOWERED GLOBE.

	pkt.	cts.
<b>Aster, New Large-flowering Robust Bouquet, Dwarf</b> , a beautiful class of bouquet formed Asters, being perfectly constant in height and habit, and lasting long in flower; the best for edgings and dwarf groups. They excel in variety and brilliancy of colors, and last in flower till frost. Best colors, mixed,.....		15

**BALSAM (Impatiens), Nat. Ord. Balsaminaceæ.**

Magnificent conservatory or out-door plants, producing their gorgeous masses of beautiful brilliant-colored flowers in the greatest profusion; when grown in pots, and large specimens are desired, they should be shifted into ten or twelve inch pots, using the richest and freest compost at command, and liberally supplied with manure-water; for out-door decoration, the soil should be of the richest possible character. Tender annuals.

<b>Balsam, Camelia-flowered, or blotched</b> , a beautiful collection of ten colors, mixed; very double; 2 feet, .....	10
" <b>Double Tall</b> , twelve fine colors, mixed; 2 feet,.....	10
" <b>Double Dwarf (or Miniature)</b> , twelve fine colors, mixed; 2 feet,...	10
" <b>Improved Rose-flowered</b> , a finely imbricated variety; flowers two inches in diameter; superb twelve colors, mixed, 2 feet,.....	10
" <b>Rose-spotted</b> , six varieties, mixed; 2 feet,.....	10
" <b>Rose Chamois</b> , new and rare; 2 feet, .....	10
" <b>Aurora-colored</b> , very striking and beautiful; 2 feet,.....	10
" <b>Pale Yellow</b> , sweet-scented; fine; 2 feet,.....	10





ROSE BALSAM.

	pkt.	cts.
<b>Balsam Isabella</b> , pale rose, changing to yellow,.....	10	
" <b>Smith's Prize</b> , from celebrated English collection; very fine,.....	15	
" <b>Alba Flora Pleno</b> ,.....	10	
" Good mixed, a good mixture,.....	05	

**BELLIS** (Double Daisy), Nat. Ord. *Compositæ*.

A well-known perennial. Many elegant varieties have been raised by saving the seeds from the handsomest kinds. They are admirable plants for making edgings, &c. Half-hardy perennial.

<b>Bellis Perennis</b> , good; mixed; one-quarter foot,.....	10
" " extra fine; saved from named flowers,.....	15

**BROWALLIA**, Nat. Ord. *Scrophulariaceæ*.

Very handsome profuse-blooming plants, covered with rich, strikingly beautiful flowers during the summer and autumn months; growing freely in any rich soil. Half-hardy annual.

<b>Browallia Cerviakowskii</b> , blue, with white center; beautiful; $1\frac{1}{2}$ feet,.....	10
" <b>Demissa</b> , light-blue and orange center; from South America, $1\frac{1}{2}$ ft. ....	10
" <b>Elata Cerulea</b> , upright; blue; from Peru; $1\frac{1}{2}$ feet,.....	10
" " <b>Alba</b> , white, from Peru; $1\frac{1}{2}$ feet,.....	10
" " <b>Grandiflora</b> , sky-blue; large-flowered; $1\frac{1}{2}$ feet,.....	10

**CALLIOPSIS**, or **COREOPSIS**, Nat. Ord. *Compositæ*.

This genus is amongst the most showy, free-flowering, and beautiful of hardy annuals. The tall varieties are very effective in mixed borders and fronts of shrubberies; and the dwarf kinds, from their close, compact habit of growth, make fine bedding plants, and are valuable for edgings; while the different varieties make very pretty ribbons. Hardy annuals.

		pkt.	cts.
<b>Calliopsis Bicolor</b>	<b>Tinctoria</b> , a well-known favorite, the flowers having a dark-crimson, brown center, with yellow rays; 2½ feet,		05
"	" <b>Marmorata</b> (marbled), brown and yellow. that are inclined to be shaded; 2½ feet, .....		05
"	" <b>Astropurpurea</b> , yellow center, surrounded by a circle of dark purple, beyond which, to the extremity of the petals, it is a fine red, scarlet color; 2 feet,....		10
"	<b>Cardaminifolia Hybrida</b> , brilliant yellow; growth, pyramidal; compact and free-flowering plant; 1½ ft.		10
"	" " <b>Atrosanguinea</b> , blood-red; flower very fine; 1½ feet,...		10
"	<b>Coronata</b> , rich yellow; disk encircled with crimson spots; handsome; from Texas; 1½ feet,.....		05
"	<b>Drummondii</b> , yellow, with crimson center; fine; from Texas; 1½ feet,.....		05
"	<b>Filifolia</b> (thread-leaved), yellow; neat foliage,.....		05
"	" <b>Burridge's</b> , a new and exceedingly beautiful annual; flowers rich brown, tipped with bright orange; very showy; 2 feet,.....		05

### CANARY-BIRD FLOWER, Nat. Ord. *Tropæolaceæ*.

The popular name of this pretty little annual alludes to the supposed resemblance of the flower to a bird with its wings expanded, the spur of calyx representing the head, and the two upper petals the wing; blooms from June to October; from Mexico.

**Canary-Bird Flower** (*Tropæolum Peregrinum*), half-hardy annual; 20 ft. 10

### CANDYTUFT (*Iberis*), Nat. Ord. *Cruciferae*.

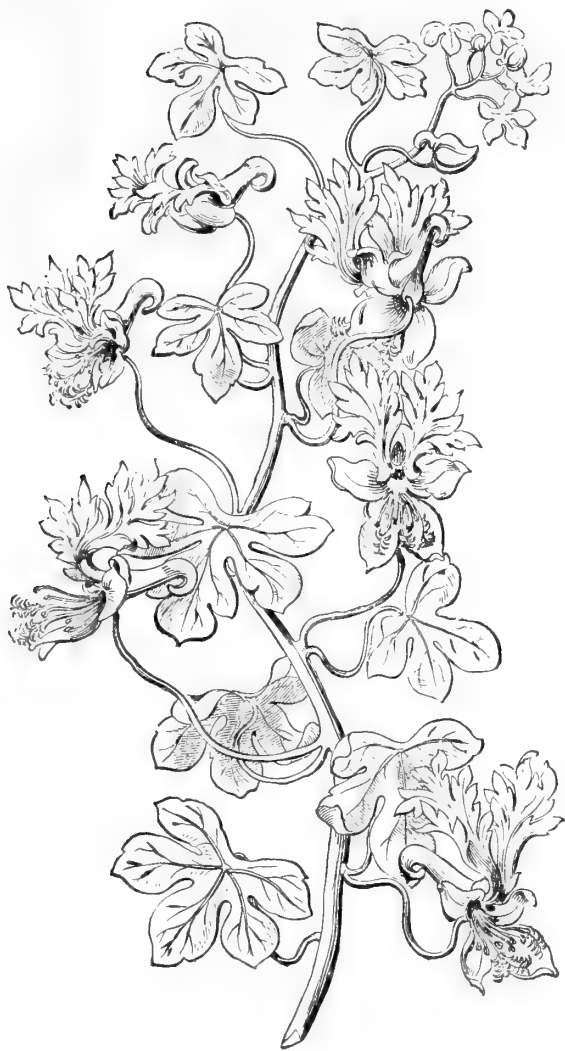
Old, popular and beautiful hardy annuals, very useful for the border or cut flowers, growing about one foot in height; sow early and thin to six inches.

<b>Candytuft</b> , <b>White</b> , .....	05
" <b>Dark Purple</b> ,.....	05
" <b>Dark Crimson</b> ,.....	05
" <b>Rocket</b> , pure white,.....	05
" <b>Sweet-scented</b> , pure white and fragrant,.....	05
" <b>New</b> , flesh-colored,.....	05
" <b>Dark Red</b> ,.....	05
" <b>Mixed</b> , .....	05

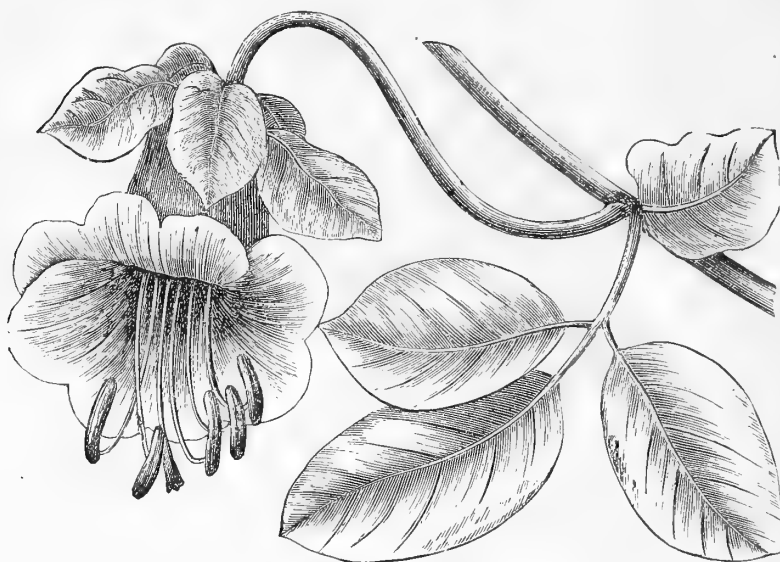
### CARNATION (*Dianthus Caryophyllus*), Nat. Ord. *Caryophyllaceæ*.

The Carnation is universally acknowledged to be the very finest perennial herbaceous plant extant. The flowers are large, of delicious fragrance and of the most brilliant and beautiful colors. Should have a place in every garden. Seed will do finely in rich, light soil. Varieties may be continued by layering, which is advisable with the finer kinds. For a succession, seed should be sown every spring. The seed we offer is from the most reliable sources in Europe, and will, beyond question, produce a large proportion of splendid double flowers.

<b>Carnation Bizarres</b> , flowers variegated with irregular spots and stripes. <b>Flakes</b> , flowers large, striped, fine. <b>Fancies</b> , flowers finely variegated; each,.....	25
" <b>Fine Double Selves</b> . The flowers of Selves are one colored, each producing either scarlet, white or pink flowers. Several splendid colors mixed,.....	25
" <b>Extra Mixed German Seed</b> , saved from named flowers,.....	25
" <b>Extra Double Mixed</b> , fine for borders,.....	10
" <b>Dwarf nana</b> , double, dwarf, early flowering; fine,.....	25
" <b>Choicest Italian</b> , saved from the very finest flowers, and such as we can strongly recommend,.....	50



CANARY FLOWER.



COBÆA SCANDENS.

**CLEMATIS**, Nat. Ord. *Ranunculaceæ*.

A handsome class of climbers, very desirable for growing against a wall or trellis. Seeds of this tribe require some time to germinate. Hardy perennials. pks. cts.

<b>Clematis Flammula</b> , white; very fragrant; 25 feet,.....	10
“ <b>Paniculata</b> , white; 10 feet,.....	10
“ <b>Cirrhusa</b> , a new variety, perfectly hardy; a very rapid climber, literally covering itself with large bunches of white sweet-scented flowers; 25 feet,.....	25
“ <b>Crispa</b> , light-blue, well-shaped flowers,.....	10
“ <b>Virginica</b> (Traveler's Joy); white,.....	10

**COBÆA**, Nat. Ord. *Polemoniaceæ*.

<b>Cobæa Scandens</b> , a rapid-growing climbing plant, with huge purple bell-shaped flowers, finely adapted for bedding out in summer; seeds should be sown early to secure well-established plants by the time the season arrives for planting out. Tender perennial; 20 feet,.....	10
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**COXCOMB** (*Celosia*), Nat. Ord. *Amarantaceæ*.

Highly ornamental, curious looking flowers, for decoration of the flower house, drawing-room and garden; all the varieties are remarkably attractive, producing a fine effect when grown in pots and mixed with other plants, either on the stage of a greenhouse, or planted in some warm situation out of doors. The following sorts have been saved from combs remarkable for their size and symmetry. Half-hardy annuals.

<b>Coxcombs</b> , mixed varieties,.....	10
“ <b>Dwarf Crimson</b> , brilliant, large, saved from a prize collection,.....	10
“ <b>Yellow</b> , same as above, except color,.....	10
“ <b>New Giant</b> , very large, brilliant red rose,.....	10

**CONVOLVULUS MINOR (Dwarf Morning Glory).**Nat. Ord. *Convolvulaceæ*.

A beautiful, free flowering and remarkable showy class of plants, with exceedingly handsome, rich, colored flowers, producing in beds and mixed borders an unusually brilliant effect, either in distinct colors, ribboned or mixed beds. Half hardy annuals.

		pkt.	cts.
<b>Convolvulus Minor, Tricolor</b> , rich violet purple, white center, trailer,..	.....	05	
“ “ <b>Splendens</b> , rich violet; white center,.....	.....	05	
“ “ <b>Striped</b> , blue; beautifully striped with white; trailer,..	.....	05	
“ “ <b>flore pleno</b> , new double variety; azure blue,.....	.....	10	
“ “ <b>Monstrosus</b> , deep violet-purple; extremely large; handsome trailer,.....	.....	05	
“ “ <b>Azure blue</b> ,.....	.....	05	
“ “ <b>Lilac</b> ,.....	.....	05	
“ “ <b>Mixed</b> ,.....	.....	05	

**CONVOLVULUS MAJOR (Morning Glory).**

A well known beautiful class of climbers, with brilliant and varied colored flowers; sow early.

<b>Convolvulus Aureus Superbus</b> , distinguished by its beautiful <i>golden yellow</i> flowers. A new variety,.....	.....	15	
“ <b>Major</b> , dark purple,.....	.....	05	
“ “ <b>Splendens</b> , brilliant crimson,.....	.....	05	
“ “ <b>Striped</b> ,.....	.....	10	
“ “ <b>Finest mixed</b> ,.....	.....	05	

**CYPRESS VINE (Ipomea Quamoclit).**

A tender climbing annual, with graceful foliage and elegant flowers; seed should not be planted in open ground before the last of May or first of June; 15 feet.

<b>Cypress Vine</b> , scarlet,.....	.....	10	
“ “ <b>White</b> , variety of the preceding,.....	.....	10	
“ “ <b>Rosea</b> , rose color,.....	.....	10	
“ “ <b>Mixed</b> ,.....	.....	10	

**DIANTHUS, Nat. Ord. Caryophyllaceæ.**

A magnificent genus, which embraces some of the most popular flowers in cultivation. The Carnation, Picotee, Pink, and Sweet William, all “ household words,” belong to this genus. The Chinese varieties may be considered the most beautiful and effective of our hardy annuals; the double and single varieties, with their rich and varied colors, in beds or masses, are remarkably attractive; while the recently introduced species, *Dianthus Heddewiggii* and *Dianthus Laciniatus*, with their large and rich-colored flowers, three to four inches in diameter, close, compact habit, and profusion of bloom, are unsurpassed for effectiveness in beds and mixed borders.

<b>Dianthus Chinensis</b> , finest double mixed,.....	.....	10	
“ “ <b>imperialis</b> (Imperial Pink), double mixed,.....	.....	10	
“ “ “ <b>flore pleno albo</b> , double white,.....	.....	10	
“ “ “ <b>purpureus striatus</b> , fine double, purple and white striped,.....	.....	10	
“ “ <b>Heddewiggii Single</b> , beautifully colored, rich, large flowers,.....	.....	15	
“ “ “ <b>diadematus</b> , “ Double Diadem Pink,” A novelty of exceeding beauty,.....	.....	50	
“ “ “ <b>flore pleno</b> , strong grower, double flower, not constant,..	.....	15	
“ “ “ <b>atropurpureus</b> , a splendid variety, double flowers, dark red, constant,.....	.....	15	

		pkt.	cts.
<b>Dianthus Chinensis laciniatus</b> , lovely, of a variety of colors, petals			
	beautifully fringed, desirable,.....	15	
"	"		
	<b>fl. pl.</b> , a superb, large, very fine double		
	variety of the preceding,.....	20	
"	"		
	Last four varieties mixed,.....	15	
"	<b>nanus</b> , dwarf varieties mixed,.....	15	
"	<b>hybridus tropurpureus</b> , double, dark blood red,.....	10	
"	<b>atroviolaceus</b> , fine double purple,.....	10	
"	<b>Gardnerianus</b> , sweetly scented, fine double,.....	15	

### ESCHSCHOLTZIA, Nat. Ord. *Papaveraceæ*.

The large bright yellow and orange blossoms of this hardy annual are to be met with in almost every garden; very showy, and bears recommendation. Transplant to about one foot apart; height one foot.

<b>Eschscholtzia Californica</b> , light yellow, dark centered,.....	05
" <b>compacta</b> , yellow and orange,.....	05
" <b>crocea alba</b> , white,.....	05
" " <b>striata</b> , a splendid continental <b>novelty</b> , which can be specially recommended,.....	10
" <b>dentata aurantiaca</b> ,.....	10
" " <b>sulphurea</b> . This, and the preceding, are new and singular varieties, and also recent novelties,.....	10
" <b>tenuifolia</b> , primrose, with orange center; 6 to 8 inches,.....	10

### GOMPHRENA (Globe Amaranth), Nat. Ord. *Amaranthaceæ*.

This is a class of plants which is highly prized, either for the garden, or for its admirable usefulness for winter bouquets, &c. "Gesard," centuries ago, wrote in high terms of praise of this plant, and of its beautiful and almost unsurpassed amaranth colors. The seed of the Gomphrena, or "Globe" Amaranth, is covered with a fuzzy cotton substance, which, if removed before sowing, will materially advance germination. It is preferable to sow the seed in a frame. Transplant to about a foot apart. Grow about 18 inches high. The flowers should not be picked till they are fully grown and expanded; otherwise much of the beauty will be lost.

<b>Gomphrena globosa</b> , alba, white,.....	05
" " <b>aurea superba</b> , orange, large and fine,.....	05
" " <b>carnea</b> , flesh colored,.....	05
" " <b>rubra</b> , fine purple crimson,.....	05
" " <b>striata</b> , white and red striped,.....	05
" " <b>variegata</b> , colors variegated,.....	05
" " All Colors Mixed,.....	05

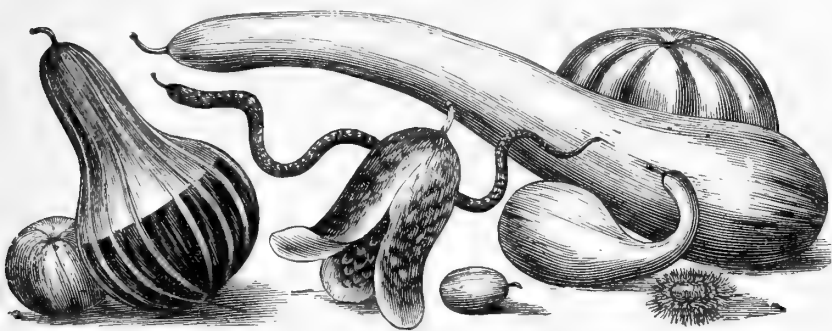
### GOURDS, Nat. Ord. *Cucurbitaceæ*.

The tribe of Gourds is known as producing some of the most curiously shaped of all fruits, and being of extremely rapid growth, are very desirable for covering the trellis-work of arbors, &c.; the varied and fantastic forms of the fruit adding a peculiar charm to the luxuriance of the foliage. Tender annual.

<b>Gourds</b> , <b>Bottle</b> ; a very useful variety,.....	05
" <b>Pear-shaped</b> ; two-colored,.....	05
" <b>Apple-striped</b> ; very ornamental,.....	10
" <b>Tricosanthes Colubrina</b> , true serpent; striped like a snake,.....	10
" <b>Hercules' Club</b> ; club-shaped; curious,.....	10
" <b>Long-fruited</b> ; some very fine ones,.....	10

### HELIANTHUS (Sunflower), Nat. Ord. *Compositæ*.

An interesting variety of showy plants; tall growing, with splendid yellow flowers; very effective in appropriate situations, such as shrubberies, &c. Excellent for screens.



GROUP OF ORNAMENTAL GOURDS.

		pkt. cts.
<b>Helianthus argophyllus fl. pl. striata</b> , double yellow flowers, striped with brown, compact in growth; 5 feet,.....		10
“ <b>Double Green centered</b> , new, fine yellow, very durable and unusually large flowers; grows from 5 to 8 feet,.....		10
“ <b>grandiflora plenissimus</b> , flowers very large and double, bright orange; 5 feet, .....		10
“ <b>Mammoth Russian</b> , finest.....		05

**HELICHRYSUM** (Eternal Flowers), Nat. Ord. *Compositæ*.

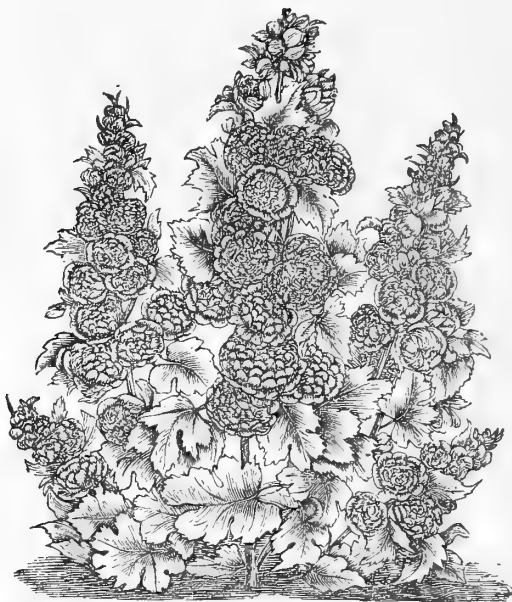
The Helichrysums are very ornamental in the garden, and much admired on account of the beauty of the flower when dried; which, if gathered when they first open, and carefully dried, will retain their form and color for years. They are highly prized for winter mantle-bouquets and ornaments for vases. Hardy annuals: from New Holland.

<b>Helichrysum monstrosum</b> , Double	White, 2 feet,.....	10
“ “ “	Yellow, 2 feet,.....	10
“ <b>bracteatum</b> , Double	Rose, beautiful; 2 feet.....	10
“ “ “	Purple, splendid purple; 2 feet,.....	10
“ “ “	Red, very fine; 2 feet,.....	10
“ “ “	Mixed, all colors,.....	10
“ “ “	Fine bright Yellow, 18 inches,.....	10
“ “ “	album, fine white; 18 inches,.....	10
“ “ “	Yellow and White mixed,.....	10
“ <b>nanum</b> , Finest Dwarf mixed,.....		15
“ “ <b>atrosanguineum</b> , splendid crimson; new; 1 foot,.....		15
“ <b>brachyrrinchum</b> , yellow; 9 inches,.....		10
“ <b>elegans</b> ( <i>Morna Elegans</i> ), elegant yellow flowers; 18 inches...		10
“ <b>strictum</b> ( <i>Chrysocephalum strictum</i> ), orange; new and fine,...		10

**HELIOTROPIUM**, Nat. Ord. *Boraginacæ*.

The Heliotrope is almost too well known to need recommendation. Its scent is delightful; well adapted for bedding or pot-culture. Seeds sown in spring make fine plants for summer decoration. Half-hardy perennial.

<b>Heliotropium Anna Turrel</b> ; violet,.....	10
“ <b>Cornbosa</b> ; light-blue,.....	10
“ <b>Grandiflora</b> ; large trusses; blue,....	10
“ <b>Roi des Noirs</b> ; very dark purple,.....	10
“ <b>Peruvianum</b> ; bright-purple,.....	10
“ <b>Triumph de Liege</b> ; lavender,.....	10
“ <b>Voltaireianum</b> ; dark-purple, .....	10
“ <b>Fine Mixed</b> , .....	10



DOUBLE HOLLYHOCK.

**HOLLYHOCK** (*Althea Rosea*), Nat. Ord. *Malvaceæ*.

pkt. cts.

The great improvement that has been made in this fine old flower within a few years, has now placed it among the most popular of the day; its stately growth and magnificent spikes of flowers, being among the most attractive objects of the garden. It flowers the second year after sowing, and then dies, unless it is kept up by cuttings or divisions of roots. Seeds sown in January will produce plants which will produce flowers the same year. Hardy perennial.

<b>Hollyhock Chinese</b> , annual; fine double, several beautiful colors mixed; 2½ feet,.....	10
“ <b>Mixed</b> , fine varieties; seventy-five per cent. of the plants may be expected to be double,....	10
“ <b>Extra Fine Mixed</b> , saved from the finest New English and Scottish named sorts,.....	10

**IPOMEA** (*Convolvulus*).

A genus of beautiful climbing plants, which for the adornment of the conservatory and greenhouse, or for warm, sheltered situations out of doors, are pre-eminently beautiful; many of them combining marvelously brilliant colors with pure white margins, and varying in shade from the most intense violet-blue, to the cerulean. All the varieties are splendid, and should be extensively cultivated. The perennial species are invaluable for greenhouse decoration. Tender annual. Sow early.

<b>Ipomea Coccinea</b> (Star Ipomea), fine scarlet,.....	05
“ <b>Lilacina</b> , delicate lilac, beautifully figured with white,.....	10
“ <b>Atroviolacea</b> , violet, bordered with pure white, superb,.....	10



	pkt.	cts.
<b>Ipomea Elegantissima</b> , one of the finest of all the Ipomea; blue, with intense purple center in the form of a star; pure white margin,.....	10	
" <b>Limbata</b> —elegantly blotched with white; 10 to 15 feet.....	10	
" <b>Nill Grandiflora</b> , white,.....	10	
" <b>Purpurea</b> , white with rose,.....	10	
" " purple striped,.....	10	
" <b>Deep Carmine</b> ,.....	10	
" <b>Mixed</b> , .....	10	

### **IPOMOPSIS (Standing Cypress)**, Nat. Ord. *Polemoniaceæ*.

Remarkably handsome, free flowering plants, with long spikes of dazzling orange and scarlet flowers; very effective for conservatory and out-door decoration; succeeds in light rich soil. Half hardy annual.

<b>Ipomopsis Aurantiaca</b> , orange from Carolina; 3 feet,.....	10
" <b>Elegans</b> , scarlet from Carolina,.....	10
" <b>Rosea</b> , rose color, new,.....	10
" <b>Canary yellow</b> , new,.....	10

### **LARKSPUR (Delphinium)**, Nat. Ord. *Ranunculaceæ*.

One of the generally cultivated and ornamental genus of plants, combining unusual richness with an endless variety of colors, all of which are extremely beautiful and pleasing. The flowers are produced in the greatest profusion; and the plants, in beds, masses, or ribbons, are strikingly effective: indeed, few plants are so generally useful and valuable for their decorative qualities, either in the garden or when cut for vases. The great difficulty has hitherto been the procuring of seeds which would yield double flowers. To this object we have given special attention, and now offer seed saved only from such varieties as are really to be depended upon, and worthy of a place in every garden. For the guidance of amateurs, we may simply notice that the stock-flowered Larkspur is of the same habit as the old Dwarf Rocket, but has longer spikes, and much larger and more double flowers. The tall-growing varieties scattered in shrubby borders produce a charming effect when backed by green foliage of the shrubs. Hardy annuals.

<b>Larkspur Dwarf Rocket</b> , a fine mixture; saved from a fine collection; 1 foot,.....	05
" <b>Tall Rocket</b> , same as preceding, except being taller; 2½ feet.....	05
" <b>Hyacinth-flowered</b> , finest mixed,.....	05
" <b>Dwarf Stock flowered</b> , a very desirable variety; saved from a beautiful collection,.....	05
" <b>Tall Stock-flowered</b> , mixed; very fine,.....	05
" <b>Pyramidal</b> , mixed; a splendid mixture,.....	05
" <b>New Mauve-color</b> , very fine,.....	10
" <b>Tricolor Elegans</b> , beautifully striped,.....	10
" <b>German Branching</b> , a good variety of colors,.....	05

### **LOBELIA**, Nat. Ord. *Lobeliaceæ*.

A most elegant and useful genus of dwarf plants, of easy culture; well adapted for bedding, edging, pots or rookeries. Lobelias, in fact, are employed as universally in the summer-garden as geraniums, to beds of which they form a neat and effective edging. The varieties of *Lobelia Erinus* are generally used for this purpose. Annual.

<b>Lobelia Erinus grandiflora superba</b> , blue,.....	10
" " <b>Paxtoniana</b> , pure white, with sky-blue belt, finest,.....	10
" " <b>Speciosa</b> , azure blue,.....	10
" " <b>Lindleyana</b> (new), red, beautiful,.....	10
" " <b>Mixed</b> ,.....	10
" " <b>Grandiflora superba</b> , new, best and largest blue variety; half hardy perennial,.....	10

**LUPINUS (Lupine), Nat. Ord. Leguminosæ.**

This class of plants is, perhaps, more generally known and cultivated than any other, and fully merits the favor accorded to it. The varieties presented by us, we think, comprise as fine a selection as can be offered, and all meriting attention and observation. In this instance we do not speak of any particular variety.

	pkt.	cts.
<b>Lupinus affinis</b> , purple and white; 18 inches,.....	05	
" <b>Cruikshankii</b> , blue, white and yellow; 3 feet,.....	05	
" <b>Hartwegii</b> , mixed colors; 2 feet,.....	05	
" <b>alba coccineus</b> , rich rosy red half way up the spike, thence to the apex pure white; the general effect is very striking,.....	10	
" <b>Dunnetti atrovioacea</b> , violet brown and yellow,.....	10	
" <b>tricolor elegans</b> , purple, violet and white,.....	10	
" <b>subcarneus</b> , ultra-marine blue, crimson and purple; the richest in color of all the Lupinus,.....	15	
" <b>nanus</b> , dwarf, blue and white, very pretty; 6 inches,.....	10	
" " <b>albus</b> , pure white; 6 inches,.....	10	
" Mixed varieties,.....	05	

**LYCHNIS, Nat. Ord. Silenaceæ.**

Very striking, effective and handsome hardy plants of easy culture. If seed is sown early, will bloom the first season.

<b>Lychnis Chalcedonica Scarlet and White</b> , mixed; 2 feet,.....	05
" <b>Haageana</b> , fine hybrid variety, with beautiful, vermilion colored flowers,.....	20
" <b>grandiflora gigantea</b> , large flowered, fine colored; new,.....	25
" <b>Senno striata</b> , a superb new variety: finely striped; 1 foot,.....	50
" <b>Sieboldii</b> , very fine; white; new; 1 foot; hardy perennial,.....	25

**MARIGOLD (Tagetes), Nat. Ord. Compositæ.**

A tribe of magnificent, free-flowering plants, with double flowers of rich and beautiful colors, producing a splendid effect, whether planted in beds, borders, or ribbons. The African, the tallest, is the most striking in large beds, mixed flower and shrubby borders. The dwarf French, used as a foreground to taller plants, is invaluable. The new brown and orange miniature French variety make splendid compact edgings to beds or borders. The seeds we offer have been saved from the most double flowers, and cannot fail to give satisfaction.

<b>Marigold, African, Double Tall Orange and Sulphur</b> , quilled and plain; mixed,.....	05
" <b>French</b> , " <b>Dwarf bright Yellow</b> ,.....	05
" " " <b>New Dwarf Orange</b> ,.....	05
" " " " <b>Quilled</b> ,.....	05
" " " <b>Dwarf Striped</b> ,.....	05
" " " <b>Tall</b> " yellow and brown,.....	05
" " " <b>Golden</b> , " selected,.....	05
" " " <b>Dunnett's New Orange</b> , very choice,.....	10
" " " <b>Miniature</b> , selected,.....	10
" " " <b>Tall Mixed</b> , selected, finest,.....	05
" " " <b>Dwarf</b> " " ".....	05
" (tagetes) <b>signata pumila</b> , a splendid new dwarf variety; a profuse bloomer; very showy, and, as a rich golden plant, specially adapted for bedding, .....	10

**MARVEL OF PERU (Common name Four O'clock).**

Nat. Ord. *Nyctaginaceæ*.

<b>Marvel of Peru</b> , splendid varieties mixed, including all the finest sorts; very picturesque and diversified colors, finely contrasted with its dark-green, glossy foliage, and densely branching habit; blooming throughout the summer and autumn months; 2 feet,.....	05
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**MESEMBRYANTHEMUM**, Nat. Ord. *Ficoideæ*.

A brilliant and profuse-flowering tribe of extremely pretty dwarf-growing plants; strikingly effective in beds, edging, rock-work, rustic baskets or vases, in warm, sunny situations; also for in-door decoration if grown in pots, boxes, or pans. Succeeds best in dry loamy soil. Half-hardy annual.

		pkt. ets.
<b>Mesembryanthemum</b>	<b>Capitatum</b> , yellow; 1 foot,.....	05
"	<b>Crystallinum</b> (Ice-plant); white; $\frac{1}{2}$ foot,.....	05
"	<b>Tricolor</b> , rosy-pink, purple center,.....	05
"	" <b>Album</b> , white with purple center,.....	10
"	<b>Mixed</b> —above mixed, .....	10

**MIGNONETTE** (*Reseda*), Nat. Ord. *Resedaceæ*.

A well-known fragrant favorite, which produces a pleasing contrast to the more showy occupants of the parterre. If well thinned out immediately the plants are large enough, they will grow stronger and produce larger spikes of bloom. The seed should be scattered about shrubbery and mixed flower-borders, where it grows readily. Hardy annuals.

<b>Grandiflora Ameliorata</b> (new).	This new variety has proved itself during the past summer to be an extremely valuable addition to the former well-known kinds. The plants are of pyramidal form and attain about 2 to 2½ feet in height. The foliage and flowers are very much larger than the old variety. The flowers possess also another very distinctive feature, viz.: that of being of a reddish tint. This sort, which is especially adapted for pot-culture, grows, however, to an enormous size when cultivated in the open ground. Like the former variety its flowers are deliciously sweet-scented. A desirable acquisition,.....	25
<b>Mignonette</b> , the well-known sweet-scented variety; half-foot,.....		05

**MIMOSA** (*Sensitive Plant*).

<b>Mimosa Pudica</b> , grown as a curiosity, being so sensitive that the leaves close up by being slightly touched. Suitable for growing in pots, or the open border, 1 foot,.....	05
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**MYOSOTIS** (*Forget-Me-Not*), Nat. Ord. *Boraginaceæ*.

These beautiful little flowers are too well-known to need recommendation; they will grow around fountains, over damp rock-work, or in any moist situation. Hardy perennial.

<b>Myosotis Alpestris</b> , a variety with blue flowers; half foot,.....	05
" " <b>Alba</b> , white; half foot,.....	10
" <b>Palustris</b> , a well-known favorite, with clusters of delicate blue flowers appearing all summer; blooms the first year from seed; half foot,.....	05
" <b>Palustris Azurea Major</b> , a beautiful variety, with large blue flowers; half foot,.....	10

**NASTURTIUM** (*Tropæolum Minor*).

The dwarf improved varieties of the Nasturtium are among the most useful and beautiful of garden varieties for bedding, massing or ribboning, and rank with the Geranium, Verbena and Calceolaria. Their close, compact growth, rich-colored flowers, and the freedom with which they bloom, all combine to place them in the category of first-class plants. The Tom Thumb varieties are distinguished favorites, as are also the old crimson and the new Crystal-palace Gem. Half-hardy annual.

<b>Nasturtium Dwarf Crimson</b> , very fine for groups,.....	10
" <b>Scarlet</b> ,.....	10
" <b>White</b> ,.....	10
" <b>Tom Thumb, Yellow</b> ,.....	10
" <b>Crystal Palace Gem</b> , sulphur color, spotted with maroon, fine,.....	10
" <b>Dunnetti, Dwarf, Spotted</b> ,.....	10
" <b>Mixed</b> , .....	10

The above are all dwarf kinds.



GROUP OF PANSIES.

**PANSY (Heartsease or Viola Tricolor),** Nat. Ord. *Violaceæ*.

The Pansy, or Heartsease, is a general favorite and old acquaintance with every one who has any thing to do with a flower-garden. It begins to open its modest but lively flowers as soon as the snow clears off in the spring, and continues to enliven the garden till snow comes again. The flowers are in the greatest perfection in May and June; the burning sun of summer is unfavorable for their greatest beauty, but in autumn they are fine again. The Pansy is properly a biennial, but can be perpetuated by cuttings or division of the roots. Seeds sown in August, in the open borders, will come up readily in a few weeks. The seeds should be slightly covered with fine soil, if covered at all, as half the seeds sown rot in the ground from being covered too deep. As soon as they expand the second set of leaves, they should be planted out into beds; if planted in the spring, they should not be allowed to flower until late in the fall; the buds should be picked off during the summer, which will make the plants bushy and compact. They require to be covered during the winter with evergreen boughs or a cold frame. The following seeds were selected by some of the most celebrated European florists from prize collections, and we can recommend them as first-class in every respect.

	pkt. cts.
<b>Pansy, Good Mixed,</b> .....	05
“ <b>Fine Mixed,</b> .....	10
“ <b>Extra Mixed;</b> saved from named flowers, from English prize collection; the finest in habit of plant, size, form, and substance of flower; superb,.....	25
“ <b>Extra German</b> These were selected by a celebrated German florist, and may be depended upon as very fine,.....	20
“ <b>New,</b> large-flowered; margined; fancy,.....	20
“ <b>Auriculæflora,</b> brown, rose-margined; fine,.....	20
“ <b>Atropurpurea,</b> pure, dark, velvety-crimson,.....	20
“ “ <b>Marginata Alba,</b> velvety-crimson, with white eye, and margined,.....	20
“ “ <b>Aurea,</b> velvety-crimson, with golden ground, and margined,.....	20
“ <b>Pelargonæflora,</b> each petal having a large maroon blotch on white ground; yellow eye,.....	50
“ <b>Picturata,</b> dark-maroon, marbled with bronze,.....	20
“ <b>Mixed.</b> Above six varieties mixed. These varieties form a new class of FANCY Pansies, with unusually large flowers, conspicuous by their brilliancy and novelty of color. They have the valuable property of resisting almost the greatest summer heat, and flowering most profusely. We offer the above as a superior strain obtained by careful selection,.....	50
“ <b>Pure White,</b> constant and fine,.....	25
“ <b>Golden Yellow,</b> constant and fine,.....	20
“ <b>Dark-Blue,</b> constant and fine,.....	20
“ <b>Light-Blue,</b> constant and fine,.....	20
“ <b>Bronze-Colored,</b> constant and fine,.....	20
“ <b>Fancy Striped,</b> constant and fine,.....	20
“ <b>Rose Marbled,</b> constant and fine,.....	20
“ <b>Violet,</b> white margined; constant and fine,.....	20
“ <b>Mixed.</b> Above varieties mixed,.....	20
“ <b>Faust, or King of the Blacks,</b> flower, coal black; fine bedding variety,.....	20

**PETUNIA,** Nat. Ord. *Solanaceæ*.

A highly ornamental and profuse-flowering, easily cultivated garden favorite, equally effective and beautiful whether grown in pots for the decoration of the greenhouse and sitting-room window, or planted out in beds or mixed borders. The brilliancy and variety of its colors, combined with the duration of its blooming period, render it invaluable. Seeds sown in the spring make fine bedding-plants for summer and autumn display; succeeds in any rich soil. Half-hardy perennials.

		pkt. cts.
<b>Petunia Phœnicia</b>	(the original variety), flowers small; deep purple,.....	05
"	" <b>Grandiflora Hybrids</b> , mixed; saved from named flowers,.....	25
"	" <b>Marginata</b> , green-bordered; a fine variety,.....	10
"	" <b>Buchanan's Hybrids</b> , beautifully blotched and marbled; a fine variety,.....	25
"	" <b>Inimitable</b> , red-margined and blotched, with pure white; fine,.....	25
"	" <b>Countess of Ellesmere</b> , deep rose, with white throat,.....	10
"	" <b>Striatifolia</b> , a beautiful striped variety,.....	25
"	<b>flore pleno</b> . These are fecundated with great care, and are sure to produce a large percentage of double flowers,.....	25
"	<b>Large-flowered Alba</b> , white; fine,.....	10
"	" <b>Purpurea</b> , purple,.....	10
"	" <b>Rosea</b> , rose-colored,.....	10
"	" <b>Violet</b> , violet,.....	10
"	" <b>Good Mixed</b> ,.....	05
"	" <b>Finest Mixed</b> ,.....	10
"	<b>Bismarck</b> , new fringed; 25 seeds,.....	50

### PEAS, PERENNIAL (*Lathyrus*), *Nat. Ord. Leguminosæ*.

The Everlasting Peas comprise a class of beautiful hardy climbers, flowers in fine large clusters resembling the Sweet Peas. Fine for covering trellis-work, &c. Sow in the open border, and to advance germination soak seed in warm water.

<b>Lathyrus Latifolius</b> ,	red-flowered.....	15
"	" <b>albus</b> , white; fine.....	20
"	" <b>giganteus</b> , very strong grower.....	20
"	" <b>roseus</b> , rose; choice.....	15
"	" <b>splendens</b> , a bright flowered, showy variety.....	15
"	" <b>magniflorus</b> , magnificent large flowers; new.....	20
"	" <b>All Colors Mixed</b> .....	10

### PEAS, FLOWERING (*Lathyrus*), *Nat. Ord. Leguminosæ*.

The Flowering Peas are desirable and popular annuals; excellent for bouquets and cut flowers, and are commended as one of the most essential to the flower garden. The first four in our list are not odoriferous, but delicate and pretty. The sweet varieties are among the most fragrant of all the garden flowers. Being a perfectly hardy annual, seed may be sown as early in spring as the soil can be prepared. Sow in clumps, groups, or drills, and place sticks or other fixtures for the Peas to run upon, and treat the same as for the common garden Pea.

<b>Pea, Lord Anson's Blue</b> ,	fine, delicate flowers; 2 feet.....	05
"	" <b>White</b> , " " ".....	05
"	<b>Tangier, Scarlet</b> , desirable; 4 feet.....	05
"	" <b>Painted Lady</b> , finely striped; 4 feet.....	05
"	<b>Sweet, Blue-Edged</b> , blue and pink; fine..	10
"	" <b>Painted Lady</b> , rose and white.....	10
"	" <b>Scarlet</b> , striped with white.....	10
"	" <b>Scarlet Invincible</b> , a very fine, new, scarlet variety.....	15
"	" <b>Black Invincible</b> ,.....	10
"	" <b>White</b> .....	10
"	" <b>Purple</b> .....	10
"	" <b>Striped</b> .....	10
"	" <b>Scarlet</b> .....	10
"	" <b>All Colors Mixed, Choice</b> .....	per oz. 20c. 05

### PHASEOLUS (*Scarlet-Runner Beans*), *Nat. Ord. Laguminosæ*.

This is a popular climbing annual, with spikes of showy scarlet flowers, and a variety with white flowers. They are extensively grown to cover arbors, walls, or to form screens, for which purpose they are admirably adapted on account of their vigorous and rapid growth. Hardy annuals.

	pkt. cts
<b>Phaseolus Coccinea</b> , brilliant scarlet .....	10
“ <b>Painted Lady</b> , a beautiful variety .....	10
“ <b>Alba</b> , white.....	10

**PHLOX DRUMMONDII**, Nat. Ord. *Polemoniaceæ*.

This magnificent genus of plants is unrivaled for richness and brilliancy of colors, profusion and duration of blooming. They are unsurpassed for bedding or pot culture, and produce a splendid effect in mixed borders. No garden should be without these beautiful plants. Succeeds best in light rich soil. Hardy annuals.

<b>Phlox Drummondii Alba</b> , white .....	10
“ “ <b>Oculata</b> , pure white, with purple eye.....	10
“ “ <b>Marmorata</b> , marbled .....	10
“ “ <b>Louis Napoleon</b> , dark crimson.....	10
“ “ <b>Leopoldii</b> , purple; white eye.....	10
“ “ <b>Queen Victoria</b> , violet; white eye.....	10
“ “ <b>Purpurea</b> , deep purple.....	10
“ “ <b>Chamois Rose</b> , delicate rose.....	25
“ “ <b>Coccinea</b> , pure deep scarlet.....	10
“ “ “ <b>Striata</b> , scarlet striped with white.....	10
“ “ <b>Radowitzii</b> , deep rose striped with white.....	10
“ “ <b>Variabilis</b> , light blue marbled.....	10
“ “ <b>Good Mixed</b> .....	05
“ “ <b>Finest Mixed</b> , including 20 best varieties....	10
“ “ <b>Perennial Mixed</b> , saved from a choice collection of upwards of one hundred varieties, embracing all those splendid new varieties introduced during the last five years by the French and English florists, of which the produce may be expected to be fully equal or superior to the original.....	20

**PICOTEE PINK**,

(*Dianthus Caryophyllus* Var.) Nat. Ord. *Silenaceæ*.

Favorite and well known plants of great beauty, combining with the most perfect form the richest and the most beautiful colors. They have a delicate perfume, are easily cultivated, and bloom profusely, growing freely in any light rich soil. The seed we offer has been saved from flowers possessing all the requisite characteristics which constitute a first-class flower. Hardy perennial.

<b>Picotee Pink</b> , good mixed .....	10
“ “ <b>extra fine</b> , saved from the most choice flowers.....	25

**PINK** (*Dianthus Hortensis*), Nat. Ord. *Silenaceæ*.

This well known and highly esteemed Garden Pink is a general favorite; is of the same habit and requires similar treatment to the Carnation and Picotee. Is very desirable for its fragrance. Flowers profusely in the open border, &c. Succeeds best in a rich, loamy soil. Very hardy.

<b>Pink, Finest Mixed</b> , from named varieties.....	50
“ <b>Fine Double Mixed</b> .....	25

**POPPY** (*Papaver*), Nat. Ord. *Papaveraceæ*.

A tribe of remarkable showy, free-flowering plants, producing a rich and effective display in large mixed borders, in shrubberies or select plantations; grows freely in any soil. Hardy annuals.

<b>Poppy, Carnation</b> ( <i>Papaver Somniferum</i> ), finest mixed; double, ten colors.....	05
“ <b>Finest Dwarf Mixed</b> , double.....	05
“ <b>Pæony-flowered</b> , fine mixed, double, in ten colors.....	05
“ <b>New Dwarf, Pæony-flowered</b> .....	05



DOUBLE ROSE-FLOWERED PORTULACA.

**PORTULACA**, Nat. Ord. *Portulacaceæ*.

In praise of these charming flowers it is impossible to speak too highly ; it may be safely affirmed that a garden without them is devoid of its brightest ornaments ; for the Portulacas are unsurpassed for brilliancy and richness of color. They are adapted for beds, clumps, edgings, pots, vases, or rock work. The plants should stand at least eight inches distant from each other. Easily transplanted.

pkt. cts.

<b>Portulaca Grandiflora</b> , fl. pl. ( <i>Double Flowering Portulaca</i> ), one of the most desirable novelties introduced for many years. The seeds are selected from the finest double varieties, of the most brilliant colors, of <i>scarlet, crimson, white, buff, variegated</i> and <i>yellow</i> , of various shades, which will produce a large proportion of double flowers from one to two inches in diameter, resembling roses in appearance ; seeds scarce.....		20
All single varieties mixed.....		05
" <b>Splendens</b> , rich crimson ; showy ; $\frac{1}{2}$ foot.....		05
" <b>Thellusonii</b> , splendid scarlet ; $\frac{1}{2}$ foot.....		05
" <b>Aurea</b> , yellow ; $\frac{1}{2}$ foot.....		05
" <b>Alba</b> , a pure white ; fine ; $\frac{1}{2}$ foot.....		05
" <b>Thorburnii</b> , deep orange ; $\frac{1}{2}$ foot.....		05
" <b>Rosea</b> , fine rose ; $\frac{1}{2}$ foot.....		05
" <b>Caryophylloides</b> , carnation-striped ; white and crimson ; superb ; $\frac{1}{2}$ foot.....		10
" <b>Striata</b> , light yellow, gold striped ; fine.....		10



**RICINUS (Castor-Oil Bean)**, Nat. Ord. *Euphorbiaceæ*.

A magnificent and highly ornamental genus. The picturesque foliage and stately growth, combined with brilliant-colored fruit, of the new varieties, impart to select plantations, shrubberies, and mixed flower-borders, quite an Oriental aspect. In the gardens around Paris, they form one of the principal features of attraction; and if planted out and grown as single specimens on our lawns and pleasure-grounds, as an ornamental foliage plant, they would form a new and striking feature. Half-hardy annuals.

	pkt.	cts.
<b>Ricinus Africanus Hybridus</b> , rose colored hybrid; very handsome; new;		
7 feet.....	10	
" <b>Giganteus</b> , plant and leaves of enormous size; new; 12 feet.....	10	
" <b>Insignis</b> , new; splendid; 7 feet.....	10	
" <b>Major</b> ( <i>Castor-oil Bean</i> ), very ornamental foliage, 6 to 8 feet.....	05	
" <b>Obermannii</b> , deep red; fine; from Africa; 8 feet.....	10	
" <b>Sanguineus</b> , a very stately growing plant, 7 feet high, with large highly ornamental foliage of Oriental aspect, with clusters of red fruit; 6 feet.....	10	
" <b>Sanguineus Tricolor</b> . This effective species has its stems and leaves colored green, brown and red; 7 feet.....	10	
" <b>Braziliensis</b> , rich green fruit; from Brazil.....	10	

**ROCKET (Hesperis)**, Nat. Ord. *Cruciferae*.

A well-known free-flowering spring plant, very fragrant; growing in any soil. Hardy perennial. From Europe.

<b>Rocket Sweet</b> , purple; 1½ feet.....	05
" " <b>Alba</b> , white; 1½ feet.....	05
" " <b>Mixed</b> .....	05

**SALPIGLOSSIS**, Nat. Ord. *Scrophulariaceæ*.

The Salpiglossis are beautiful annuals, with very picturesque and richly colored, erect-lobed, funnel-shaped blossoms; colors beautifully marbled, purple, scarlet, crimson, clear yellow, and buff, with elegant shades of blue. The new dwarf varieties form a very desirable section of this pleasing flower. Half-hardy annual.

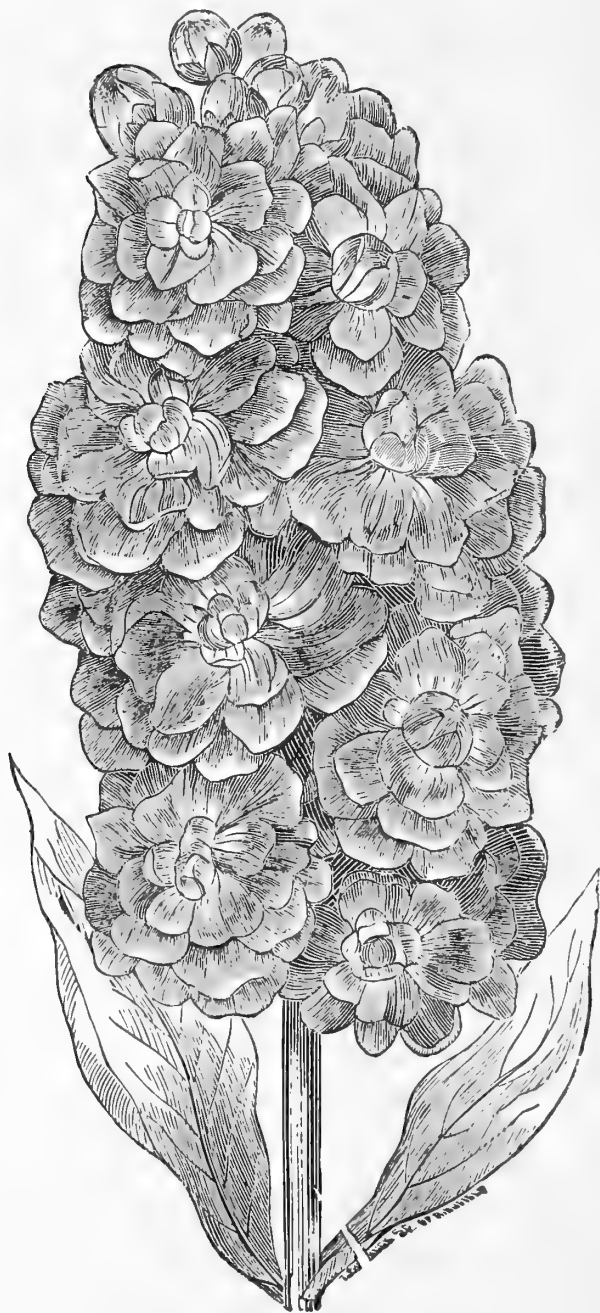
<b>Salpiglossis Atrococcinea</b> , deep scarlet, finely spotted; new.....	10
" <b>Atropurpurea</b> , deep purple.....	10
" <b>Azurea</b> , sky blue.....	10
" <b>Dark Violet</b> .....	10
" <b>Sulphurea</b> , sulphur yellow.....	10
" <b>Above mixed</b> , finest selected.....	10
" <b>Nana, Dwarf Atropurpurea</b> , purple.....	10
" " <b>Cærulea</b> , blue.....	10
" " <b>Coccinea</b> , scarlet.....	10
" " <b>Sulphurea</b> , sulphur yellow.....	10
" <b>All choice Dwarf colors mixed</b> .....	10

**SCABIOUS (Mourning Bride)**, Nat. Ord. *Dipsacæ*.

"The Scabious blooms in sad array,  
A mourner in her spring."

A hardy, ornamental plant, suitable for borders. It may be sown at any time in May and will produce its flowers from July to October. There is a great variety in the flowers of different plants. Some of them are almost black, others a dark puce-purple, and various shades, down to lilac; they are produced in heads. Hardy annuals.

<b>Scabiosa Atropurpurea</b> , mixture of the finest dark colors; 2 feet.....	05
" <b>New Dwarf</b> , mixed; very fine; 1 foot.....	05
" <b>Dwarf, scarlet</b> , very fine; 1 foot.....	05
" " <b>carmine</b> ; 1 foot.....	05
" <b>Candidissima</b> , pure white; very desirable; 1 foot.....	05
" <b>Starry</b> . The blooms of this, if picked early, are well adapted for winter bouquets.....	25
" <b>Ochroleuca</b> , light yellow; hardy perennial.....	10
" <b>Tartarica</b> , blue; hardy perennial.....	10



STOCK, TEN-WEEKS.

**STOCKS (German, French and English), Nat. Ord. *Cruciferae*.**

The Stock Gillyflower is one of the most popular, beautiful and important of our garden favorites: and, whether for bedding, massing, edging or ribboning, it is unsurpassed, either for brilliancy and diversity of color, or profusion and duration of bloom.

The Ten-week Stock is the most universally cultivated, and usually blooms ten to twelve weeks after being sown. They grow from six to fifteen inches high, and when cultivated in rich soil, and occasionally watered with guano water, throw out an immense quantity of lateral spikes of bloom, so that each plant forms a perfect bouquet; and it would, indeed, be difficult to surpass the grand effect produced in beds or ribbons by these exquisite gems.

			pkt. cts.
<b>Stock, German, Dwarf</b>	<b>Crimson,</b>		20
"	"	<b>Dark Blue,</b>	20
"	"	<b>Rose,</b>	20
"	"	<b>Scarlet,</b>	20
"	"	<b>White,</b>	20
	Above dwarf varieties mixed,		20
"	"	<b>Dwarf Large-flowering, mixed,</b>	20
"	"	<b>Wallflower-leaved, dwarf habit; foliage similar to the</b> <b>Wallflower; plants should stand about six inches apart;</b>	
	Mixed colors,		20
"	"	<b>Miniature, good for small beds, edging, &amp;c.; height 5 to 8</b> <b>inches,</b>	20
"	"	<b>Large-flowered "Royal Gem." This is the finest annual</b> <b>stock in cultivation, of rich, dark crimson color and very</b> <b>double; useful for exhibition purposes,</b>	25
"	"	<b>Dwarf Large-flowered pyramidal, very fine; mixed,</b>	20
"	"	<b>Giant or Tree Scarlet,</b>	20
"	"	" " <b>Purple,</b>	20
"	"	" " <b>White,</b>	20
"	"	" " <b>Crimson,</b>	20
"	"	" " <b>Dark Blue,</b>	20
	All colors Mixed,		20

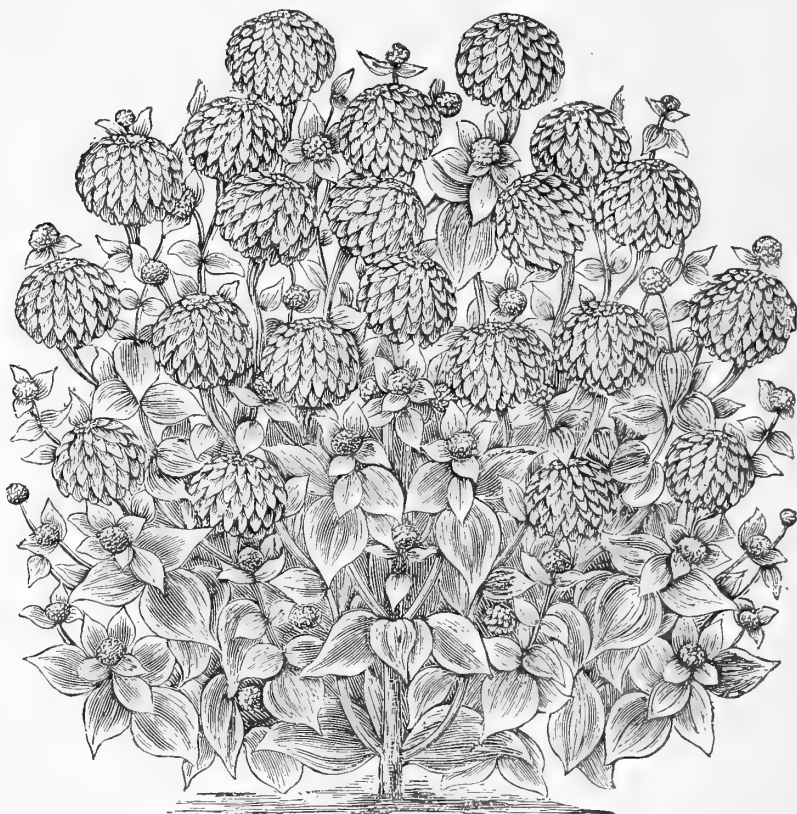
**SWEET WILLIAMS, Nat. Ord. *Caryophyllaceae*.**

A useful and well-known tribe of plants, perfectly hardy, and easily raised from seed; a bed of fine varieties presenting a rich sight; it sports into endless varieties; viz.: pink, purple, crimson, scarlet, white, variously edged, eyed, and spotted. Our seeds were saved from the finest-named varieties, together with Hunt's (a celebrated English amateur), which we can confidently recommend as superior to anything ever before offered in this country. Hardy perennials.

<b>Sweet Williams,</b>	fine mixed,		05
"	"	<b>double-flowering, finest mixed, from a splendid collec-</b> <b>tion of double flowers,</b>	10
"	"	<b>Auricula-flowered. New. This is one of the most desira-</b> <b>ble, differing from other varieties only in the</b> <b>markings of the flowers, which closely resem-</b> <b>ble the Auricula. The flowers have a large</b> <b>white disc, with a broad middle zone of rich</b> <b>crimson, purple, and violet; trusses large and</b> <b>perfect,</b>	25
"	"	<b>Hunt's Perfection. Saved from Bragg's finest strain in</b> <b>cultivation; has taken the first prize at all the</b> <b>London exhibitions the past season; truly</b> <b>gorgeous in size, color, and variety,</b>	25

**THUNBERGIA, Nat. Ord. *Acanthaceae*.**

Extremely ornamental climbers; much admired; very fine bloomers; good for trellis, stems of trees, and in the greenhouse, or out of doors in summer in a warm situation. Tender annuals.



DOUBLE ZINNIA.

	pkt.	cts.
<b>Thunbergia Alata</b> , winged, buff, with dark eye; 4 to 6 feet,.....	05	
“ <b>Alba</b> , white, with dark eye; 4 to 6 feet,.....	05	
“ <b>Aurantiaca</b> , bright orange; dark eye; 4 to 6 feet,.....	05	
“ <b>Bakerii</b> , fine; white; 4 to 6 feet, .....	10	
“ <b>Sulphurea</b> , pale yellow; 4 to 6 feet, .....	05	
“ <b>Americana</b> , clear buff; 4 to 6 feet,.....	10	
“ <b>Mixed</b> . All the above mixed,.....	10	

**TROPÆOLUM**, Nat. Ord. *Tropæolaceæ*.

The climbing or running kinds of *Tropæolum*, which we here offer, form a class of very useful and much admired climbers. They are very rapid growers, and present a cheerful and pretty appearance. Seed may be sown where it is desired for plants to grow. The varieties of “*T. Lobbianum*” succeed best started in a frame and planted out at the approach of warm weather. All are quite desirable for the sitting-room window during autumn and winter. Height ten feet.

<b>Tropæolum Majus Atropurpureum</b> , fine; dark crimson,.....	15
“ “ <b>Coccineum</b> , bright scarlet,.....	15
“ “ <b>Dunnett's New Orange</b> ,.....	10
“ “ <b>New Bronze</b> , fine bronzed; new,.....	10

	pkt.	cts.
<b>Tropæolum Majus Nasturtium Carneum</b> , flesh color; ten feet,.....	10	
“ “ <b>Schenermanni</b> , straw color, striped with brown,.....	10	
“ “ <b>Finest Colors Mixed</b> ,.....	10	
“ <b>Lobbianum, Brilliant</b> , dark scarlet,.....	15	
“ “ <b>Prince of Wales</b> , splendid scarlet,.....	15	
“ “ <b>Finest Colors Mixed</b> ,.....	15	
“ <b>Peregrinum</b> , “Canary Bird Flower,” a most elegant and popular climber; should be started in a frame; is admirable in baskets, vases, green-houses, &c.,.....	10	

### VERBENA, Nat. Ord. *Verbenaceæ*.

A charming genus of universally admired and easily cultivated plants, simply requiring the treatment of half-hardy annuals to have them bloom during the summer; for winter decoration they are invaluable. Half-hardy perennial.

<b>Verbena Aubletia</b> , reddish-purple; from North America; half foot,.....	05
“ <b>Drummondii</b> , lilac; from Texas,.....	10
“ <b>Pulcherrima</b> , violet; fine; half-foot,.....	10
“ <b>Teucroides Odorata</b> , fine white; from Germany,.....	10
“ <b>Venosa</b> , rich purple; free-bloomer; trailer; from Buenos Ayres,...	05
“ “ <b>Coccinea</b> , from most brilliant scarlet flowers,.....	20
“ <b>Fine Mixed</b> ,.....	10

### ZINNIA, DOUBLE-FLOWERED, Nat. Ord. *Compositæ*.

The Zinnia, the most brilliant of annuals, has long been a general favorite. The double varieties are immense improvements on the single, and the finest introduction for many years. The flowers are perfectly double, and as large as the Miniature Bouquet Dahlia, and very beautiful. The plants will continue a long time in bloom, and will increase in attractiveness till destroyed by frost. Plants may be started in a hot-bed, cold frame, pot or box in the house, or, as it is perfectly hardy, seed may be sown early in the open border and transplanted to about eighteen inches apart; or, seed may be sown where the plants are to bloom. The Zinnia transplants safely, and will thrive in any good garden soil. We have taken great care to procure seed of the finest quality, and we are assured that our stock cannot be surpassed, if equaled.

<b>Zinnia elegans, Finest Double, Carmine</b> ,.....	10
“ “ “ “ <b>Deep Scarlet</b> ,.....	10
“ “ “ “ <b>Deep Purple</b> ,.....	10
“ “ “ “ <b>Crimson</b> ,.....	10
“ “ “ “ <b>Orange</b> ,.....	10
“ “ “ “ <b>Lilac</b> ,.....	10
“ “ “ “ <b>Yellow</b> ,.....	10
“ “ “ “ <b>Above Mixed</b> ,.....	10

The following are the Finest Double, *New Colors*:

<b>Zinnia elegans, Choicest Double, Chamois</b> ,.....	10
“ “ “ “ <b>Deep Orange</b> ,.....	10
“ “ “ “ <b>Deep Rose</b> ,.....	10
“ “ “ “ <b>Light Carmine</b> ,.....	10
“ “ “ “ <b>All New Colors Mixed</b> ,.....	10
“ “ “ “ <b>alba plenissima, Pure White</b> , large and Double to the Center,.....	25
“ “ “ “ <b>Carmine, New variety, rosea-plenissima, Salmon Rose</b> , fine,.....	25
“ “ <b>tagetiflora fl. pl.</b> , a first class novelty, comprising quite a new section of Double Zinnias, the petals, being quilled as perfectly as a Globe Aster, with the exception of one row of guard petals at the base of the flowers, which are perfectly flat and present a very novel appearance; mixture of brilliant colors,.....	25
“ <b>Eight Separate Colors</b> , scarlet, yellow, salmon, purple, orange, &c. Each color, or all mixed,.....	10
“ <b>Pure white, new</b> ,.....	25



BROWN DEL. 56

GLADIOLUS.

## SUMMER-FLOWERING BULBS, ETC.

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### GLADIOLUS.

The Gladiolus is without doubt the most beautiful of summer bulbs, producing their magnificent spikes of bloom of almost every desirable color, from white to rich salmon, and brilliant carmine to the most intense scarlet or crimson. The culture is very easy. Set the bulbs nine inches apart each way. The plants should be well staked, and their magnificent bloom will well repay the expense and care. When the leaves turn yellow, take up the bulb, cut the stocks off about an inch from the crown of the bulb, and keep through winter in a dry, cool, frost proof cellar. The following are most desirable:

	each.
<b>Angele</b> , very long white flowered spike; showy,.....	75
<b>Canova</b> , long spike, very large, white, carmine-spotted flowers,.....	1 50
<b>Achilles</b> , rich rose; flaked with ruby red; white vein through center of each petal,.....	40
<b>Adonis</b> , light rosy salmon and carmine margin,.....	15
<b>Amabilis</b> , vermilion, scarlet, fine raceme,.....	15
<b>Belle Gabrielle</b> , large flower, perfect shape, fine lilac-colored rose, slightly marked with bright rose,.....	1 00
<b>Berenice</b> , beautiful rosy-red, with purple carmine spots,.....	30
<b>Blum</b> , orange-red, very showy,.....	20
<b>Brenchliensis</b> , fine rich scarlet, extra fine,.....	15
<b>Canari</b> , delicate yellow, lower petals shaded and veined with maroon,.....	25
<b>Ceres</b> , pure white, blotched with dark rose,.....	50
<b>Don Juan</b> , orange colored,.....	15
<b>Endymion</b> , slightly violet, tinted rose, large flower,.....	30
<b>Erato</b> , delicate rose, with darker stripes stained with carmine,.....	30
<b>Eugene Verdier</b> , clear carmine, shaded with dark purple,.....	15
<b>Fanny Rouget</b> , bright rose tinted with carmine,.....	15
<b>Florian</b> , cherry-colored rose, flaked and striped with purple and white,.....	50
<b>Galathea</b> , carnation, nearly white, with carmine stains, large flower, splendid variety, .....	20
<b>Goliath</b> , rich flamed red, opening brilliant carmine, fine, large, extra shape,....	25
<b>Imperatrice Eugene</b> (S.), very large flower of perfect form, white ground, blazed violet rose inside of the flower, outside lilac; one of the most striking varieties yet introduced, .....	1 00
<b>Jean d'Arc</b> , white, slightly tinged with rose and striped with purple,.....	40
<b>John Bull</b> , striped with lilac, almost white,.....	25
<b>Le Poussin</b> , light red, white ground, with large white stains on lower petals; extra fine,.....	60
<b>Madame Hacquin</b> , blush white, flaked with lilac,.....	25
<b>Madame de Sevigne</b> , light cherry-color, very largely stained and lined with pure white; a charming plant,.....	1 50
<b>Madame Herincq</b> , yellowish white, varied with lilac,.....	15
<b>Madame Basseville</b> , rich pink, flaked with violet crimson, base of lower petals white, feathered with purple,.....	80
<b>Madame Binder</b> , pure white stained rose,.....	70
<b>Madame Couder</b> , light carmine on delicate rose ground,.....	20
<b>Madame de Vatry</b> , white flaked with pink, lower petals shaded with yellow and feathered with cherry color; very large flower,.....	30
<b>Madame Lefebvre</b> , pale rose striped with cherry, carmine spots,.....	20
<b>Neptune</b> , beautiful red, with carmine spots and stripes,.....	35
<b>Pallas</b> , rose-salmon, mottled with carmine and maroon,.....	25
<b>Princess of Wales</b> , white, flaked with rosy crimson; extra fine,.....	50
<b>Raphael</b> , deep vermilion red, center lighted with white and shaded with purple, .....	50
<b>Reine Victoria</b> , very large open flower, pure white, stained with purplish carmine; very vigorous,.....	60

	pkt.	cts.
<b>Stephenson</b> , large flower of perfect shape, carminate cherry-colored, striated with white lines, splendid spike,.....	1	50
<b>Sulphureus</b> , sulphur yellow; fine,.....		50
<b>Surprise</b> , rich, rosy amaranth; fine,.....		25
<b>Theresa</b> , orange, shaded with rose, salmon center, blotched with carmine,.....		50
<b>Triumph d'Enghein</b> , rich flame crimson,.....		15
<b>Velleda</b> , clear pink, spotted and flaked with lilac; extra fine,.....		65
<b>Vesta</b> , white, stained with purplish carmine, and yellow ground,.....		40
<b>Vicomtesse de Belleval</b> , delicate blush, stained with violet,.....		50
<b>Vulcain</b> , velvety dark purple, richly shaded,.....		60
<b>Walter Scott</b> , very bright rose, white ground striped with carminate rose; very fine shade,.....	1	00
Mixed, very large bulbs,.....		10
Mixed, very large bulbs, per dozen,.....	1	00

### DAHLIAS.

Our assortment of this interesting class is one of the most extensive in this country; not only of the show and Fancy kinds, but of the Pompones or Liliputian varieties. Each year has added so many names to the list, that to give them all would hinder instead of help the purchaser in making a selection.

Finest new varieties for the first time offered,.....	\$1 00 each.	\$9 00 per doz
Splendid new varieties of former years,.....	30 "	3 00 " "
Mixed varieties, all good sorts,.....	20 "	2 00 " "

### CHINESE PÆONIES.

Red, white and rose, each,.....

### DOUBLE TUBEROSES.

These much esteemed flowers, unsurpassed for elegance, purity of color, and delightful fragrance, are now considered a necessity in every flower garden however small it may be. In order to give our customers every chance of success in their cultivation, we have taken great care in selecting extra quality bulbs this season.

Dry Bulbs 15 cents each; \$1.50 per dozen; \$10.00 per 100.

### TIGRIDIA.

A genus of Mexican bulbs, producing flowers of the most exquisite beauty, the flowers large, about four inches across, of singularly curious shape, and the color of each variety gorgeous and purely contrasted. No flower can exceed it in beauty; in bloom from July to October. In autumn take up the bulbs and keep them in a dry place, away from frost, until the time of planting in the spring. 1½ feet.

	each.	per doz.
<b>Tigridia Conchiflora</b> , orange and golden-yellow, spotted with black,.....	15	\$1 25
" <b>Pavonia</b> , richest scarlet, tinged and spotted with pure yellow,.....	15	1 25
" <b>Grandiflora</b> , new, flower stalks two feet high, bearing immense flowers, a constant bloomer,.....	50	4 00
Mixed varieties,.....		1 25

### IVY PLANTS.

For in-door decoration, hanging baskets, unsurpassed; each..... 25

### SEEDS FOR THE GREENHOUSE.

	pkt.	cts.
<b>Boccinia frutescens</b> , a new and beautiful foliaged green-house plant,.....		50
<b>Calceolaria hybrida tigrina</b> , spotted; saved from best collection in Europe,.....		50
<b>Carnation, Remontant</b> , or <b>Tree Carnation</b> , choicest Italian seed,.....		50
<b>Chrysanthemum Indicum</b> , finest double,.....		25





LILIUM AURATUM—GOLDEN STRIPED LILY.

**LILIES.**

No flower-garden should be without at least, one of every variety of this highly interesting and truly magnificent family of plants. They are unequalled for the border, or for large masses and beds, being perfectly hardy, and of the easiest culture.

**LILIUM AURATUM.**

“Not one of Flora’s brilliant race  
A form more perfect can display,  
Art could not feign more simple grace,  
Nor nature take a line away.”

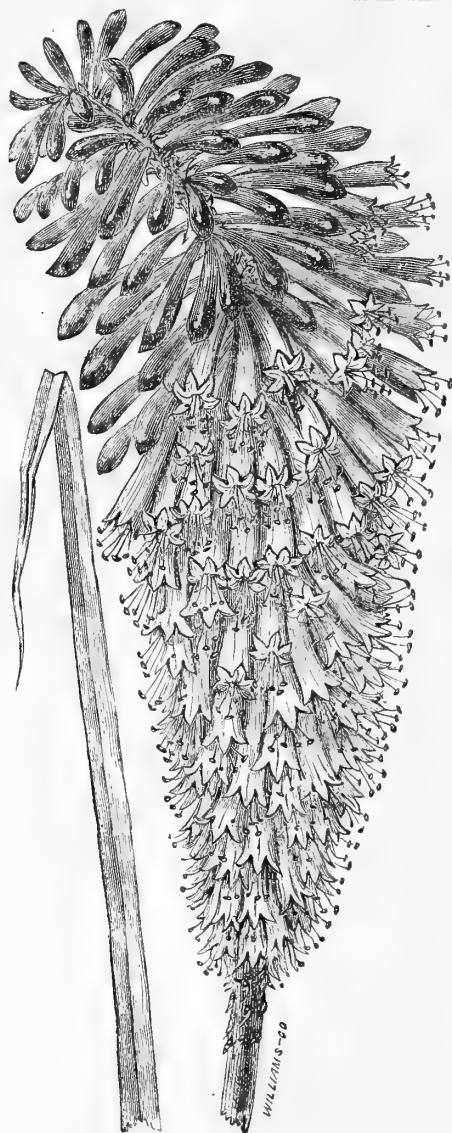
We have received from Japan very fine bulbs of this justly famous Lily.

Extra large bulbs,.....	\$1 00
Fine, .....	50
<b>L. Lancifolium album</b> , white,.....	30
“ <b>Roseum</b> , spotted rose,.....	25
“ <b>Rubrum</b> , white and red spotted,.....	25
<b>Excelsum</b> , magnificent sweet Lily, flowers of delicate creamy buff,.....	75

**MADERIA, OR MIGNONETTE VINE.**

ALSO KNOWN AS THE MEXICAN VINE.

Of rapid growth, suitable for covering arbors and trellis-work. Flowers feathery white, with a fragrance resembling Mignonette, 10 cents each; \$1.00 per dozen.



TRITOMA UVARIA.

**TRITOMA.**

They are admirably adapted for bedding out, and the numerous terminal flame-colored blossoms form a stately distant or mediate effect. They thrive in any rich, light garden soil. On approach of winter they should be taken up and placed in the green-house or cellar, for replanting out again in the spring.

**Tritoma Uvaria**, each 50c; per doz.....\$5 00

## VEGETABLE LIST.

—o—

### ASPARAGUS.

Sow the seed in the bed late in the fall or in early spring, as soon as the ground can be worked, in drills one foot apart, covering the seed about one foot deep. Thin the plants to three inches in the row. The roots may be removed to the permanent bed when one or two years old. In preparing the ground no pains should be spared, as a well established and carefully cultivated Asparagus-bed will continue in good condition for twenty-five years or more. Select deep, rich, mellow soil, and trench the ground two feet deep using a liberal quantity of well decomposed manure, with a free mixture of common salt. Set the roots so that the crowns will be three or four inches below the surface of the ground.

GIANT DUTCH PURPLE TOP. One of the largest and best, per oz., 10c.,.....	pkt.	cts.
CONOVER'S COLLOSSAL.....	20	05

### BEANS, DWARF OR BUSH.

Dwarf or Bush Beans require no support, and may be planted in hills or drills, the latter way being preferred for the following garden varieties. Make the drills fifteen inches apart, an inch and a half deep, and drop the Beans three inches apart in the drills. Keep clear of weeds, hoeing when dry. Beans are tender annuals, and cannot be safely planted till danger from frost is past.

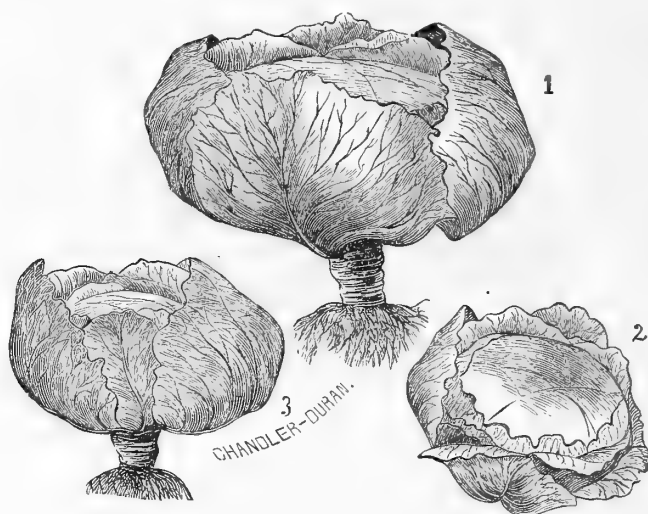
BEANS, EARLY MOHAWK, excellent, tender, early, for string beans, very productive; pt. 25c.....	10
" " YELLOW SIX-WEEKS, very desirable for string beans; pt. 20c..	10
" " CHINA RED EYE, early; excellent for string beans or shelling; pt. 20c.....	10
" " RACHEL, early and very desirable for string beans, pt. 20c.....	10
" " RED VALENTINE, early, productive and fine for string beans; pt. 20c.....	10
" REFUGEE, prolific; excellent for pickling and for string beans; pt. 20c..	10
" LARGE WHITE KIDNEY OR ROYAL DWARF, for shelling green, dry for baking; pt. 25c.....	10
" WAX OR BUTTER, pods fleshy, tender and stringless; a decidedly favorite string bean wherever known. Beans black when ripe; pt. 25c.....	10
" WHITE MARROWFAT, very good for string beans; excellent shelled, green or dry; fine for baking. Beans large, white and nearly round; pt. 20c.....	10
" TAYLOR'S BROAD WINDSOR, large, English variety. Much used in England for shelled beans. Do not generally succeed well here; pt. 40c.....	15

### BEANS, RUNNING OR POLE.

BEANS, SPECKLED CRANBERRY OR HORTICULTURAL, productive, and excellent for string beans or shelled; pt. 30c.....	10
" GIANT OR WAX, pods waxy yellow, tender and good as a string bean, but not so desirable as the Dwarf Wax or Butter Bean. Beans red when ripe; pt. 75c.....	20
" LARGE WHITE LIMA, none equal this as a shelled bean; very rich and finely flavored; pt. 40c.....	15

### BEEF.

Select a deep, rich, sandy loam, and manure with well decomposed compost. Sow in drills fourteen inches apart and cover one inch deep. When the young plants appear, thin to four or five inches apart. For early use sow as soon as the ground can be worked in the spring; for autumn use, about the middle of May, and for winter use, from the first to the twentieth of June, according to variety, the long varieties requiring more time to mature than the round, early kinds. The Mangold Wurtzels are grown principally for stock, and as they grow larger require more room.



NO. 1. MARBLEHEAD MAMMOTH CABBAGE. NO. 2. STONE MASON CABBAGE. NO. 3. DRUMHEAD CABBAGE.

	pkt.	cts.
BEET, EARLY BASSANO. Earliest of all, by about a week; oz. 15c.....	05	
“ “ EXTRA FLAT. Short topped, very early; oz. 20c.....	05	
“ “ BLOOD TURNIP. The standard early sort; oz. 15c.....	10	
“ YELLOW TURNIP; oz. 15c.....	05	
“ LONG SMOOTH DARK BLOOD. Excellent for winter use; dark, smooth skinned; flesh dark red; oz. 15c.....	05	
“ HENDERSON'S PINE APPLE. New. Excellent for family use; oz. 15c...	05	
“ RED GIANT OVOID MANGOLD WURTZEL, very large, oval shape; oz. 12c.	05	
“ YELLOW OVOID MANGOLD WURTZEL. For cattle. Of seventeen varieties tested, the crop of this excelled all others; oz. 12c.....	05	
“ NORBITON GIANT MANGOLD WURTZEL. A new English variety, said to tend less to hollow neck than the old long red kind; oz. 15c.	05	
“ RED GLOBE MANGOLD WURTZEL. Good for milch cows; oz. 10c.....	05	
“ WHITE SUGAR. A large root for stock; oz. 10c.....	05	
“ YELLOW GLOBE MANGOLD WURTZEL. Excellent for milch cows, early; oz. 10c.....	05	

### BRUSSELS SPROUTS.

BRUSSELS SPROUTS. Dwarf improved; oz. 20c.....	05
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### BROCCOLI.

BROCCOLI, LARGE WHITE EARLY FRENCH; oz. 50c.....	10
“ PURPLE CAPE. Late, large, compact; oz. 50c.....	10

### CABBAGE.

The varieties are numerous, embracing kinds especially adapted for summer, fall and winter use. Our assortment includes the leading and most desirable varieties. For *early* use, sow seed of the early kinds in hot bed, or box in the house, early in April, and transplant when the weather will permit. For winter, sow seed of the winter sorts early in May. If early varieties are desired for winter use, sow seed about the first of May. *Early* varieties may be transplanted from twenty inches to two feet apart each way, and the later sorts from two and a half to three and a half feet apart, distance varying with size. Cabbages require *good soil*.



EARLY JERSEY WAKEFIELD.

**EARLIEST VARIETIES.**

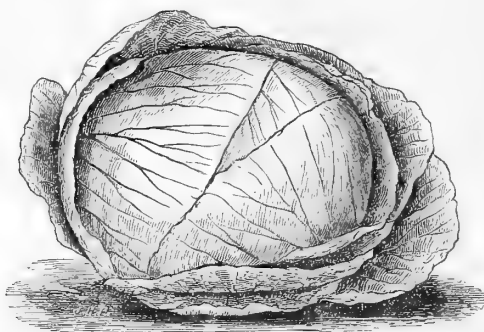
		pkt.	cts.
CABBAGE,	SUPERFINE EARLY. A choice very early French variety ; oz. 35c...	10	
"	EARLY YORK. One of the earliest of all ; an old standard sort ; oz. 15c.	05	
"	LARGE YORK. An improvement in size on Early York ; a little later ; oz. 20c.....	05	
"	EARLY JERSEY WAKEFIELD. (True.) Resembles Oxheart. A standard early cabbage in Boston and New York markets ; oz. 75c.....	15	
"	BURNELL'S KING OF THE DWARFS. This new English cabbage is sent out by the great English seed firm of Waite, Burnell & Co., as the earliest of all cabbages. We think they rank it too high ; oz. 35c.....	05	
"	LITTLE PIXIE. A small, very tender and sweet cabbage, of the pointed heading family. It is very early, and from its small size a great number can be matured on a small area of land ; oz. 25c.....	05	
"	SUGAR LOAF. A popular early variety ; oz. 25c.....	05	
"	CANNON BALL. The hardest heading of all early sorts ; oz. 50c.....	15	
"	EARLY ULM SAVOY. One of the earliest ; unsurpassed in quality ; oz. 40c.....	10	

**SECOND EARLY.**

CABBAGE,	FOTTLER'S EARLY DRUMHEAD. The earliest hard heading drum-head : oz. 50c.....	10	
"	EARLY WINNIGSTADT. Heads large, cone shaped and solid ; one of the very best ; oz. 35c.....	10	
"	SCHWEINFURT QUINTAL. The earliest of all large drumheads ; grows from a foot to eighteen inches in diameter ; does not head very hard, but is remarkably tender. The heads are very handsome ; oz. 50c.....	10	
"	EARLY DARK RED ERFURT. New. Early, head round and very solid ; oz. 50c.....	10	

**LATE KINDS.**

CABBAGE,	MARBLEHEAD MAMMOTH DRUMHEAD. Very large ; oz. 80c.....	20	
"	CALIFORNIA MAMMOTH. Largest in the world ; oz. \$1.....	25	
"	STONE MASON DRUMHEAD. The great cabbage in Boston market ; oz. 40c.....	10	
"	ROBINSON'S CHAMPION PRIZE OXHEART. A new English mammoth variety ; oz. 25c.....	05	



FOTTLER'S EARLY DRUMHEAD CABBAGE.

	pkt.	cts.
CABBAGE, PREMIUM FLAT DUTCH. Large and excellent, for winter; oz. 35c..	10	
" DRUMHEAD SAVOY. A cross between Savoy and Drumhead; very large; oz. 35c.....	05	
" RED DUTCH. For pickling; oz. 30c .....	05	
" RED DRUMHEAD. Larger than Red Dutch and more profitable; very reliable for heading under high cultivation; oz. 30c.....	05	

**CARROT.**

Carrots thrive best in a rather light loam. The ground should be well manured with fine manure, six or eight cords to the acre, and be thoroughly worked quite deep, by two plowings made at right angles with each other. Also cultivate and drag if there are any lumps and then rake level, burying all remaining lumps and stones. Plant in rows fourteen inches apart, and thin plants to five or six inches in the rows.

CARROT, EARLY SCARLET HORN. Short; early; excellent for the table; color, very deep orange; oz. 20c.....	05
" IMPROVED LONG ORANGE. A fine variety for stock or table use; oz. 20c.....	05
" LONG ORANGE. The standard field carrot; best of all for stock; oz. 15c.....	05
" LARGE WHITE BELGIAN. Large, white and most productive; good for horses; oz. 12c.....	05

**CAULIFLOWER.**

Pursue the same course as with Cabbage. Cauliflowers covet the cool, moist weather of the fall months, to perfect themselves.

CAULIFLOWER, EXTRA EARLY DWARF ERFURT. (French seed.) True; oz \$3.	50
" EARLY DWARF ERFURT. English seed .....	25
" EARLY PARIS. Very popular; fine heads; excellent variety; oz. \$1.25.....	15
" EARLY DUTCH. A very nice early kind; oz. \$1.....	15
" LENORMAND'S MAMMOTH. The largest variety in cultivation, and one of the most reliable; oz. \$1.50.....	25
" MIXED VARIETIES; oz. \$1.....	15

**CELERY.**

Plant seed in hot-bed or very early in open ground. Transplant four inches apart, when three inches high, in rich soil finely pulverized; water and protect until well rooted, then transplant into rows five or six feet apart, either on surface or in well manured trenches a foot in depth, using well rotted manure. Set the plants from eight to twelve inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the central shoots.



EARLY WINNIGSTADT CABBAGE.

		pkt.	cts.
CELERY, WHITE SOLID.	A standard sort ; oz. 15c.....		05
" BOSTON MARKET.	Short, compact and solid ; very popular ; oz. 50c..		05
" TURNIP ROOTED.	The root of this is eaten ; oz. 25c.....		05
" HOOD'S NEW DWARF IMPERIAL PURPLE.	A choice new variety ; oz. 30c.....		10
" CARTER'S CRIMSON.	Dwarf, solid and crisp ; a first class variety ; oz. 30c.....		10

**CORN.**

The varieties we offer embrace, we think, all that are desirable to plan for garden and table use. The mode of cultivation, &c., being so well known, we deem it unimportant to advise in this respect.

CORN, EARLY MARKET,	very early and popular with gardener ; pt. 20c.....	10
" EARLY EIGHT ROWED SUGAR,	very tender and sugary, yields good ; pt. 20c.	
" CROSBY'S EARLY,	a superior and desirable 12 and 14 rowed variety ; pt. 20c.	10
" BUSSELL'S PROLIFIC,	choice, 12 and 14 rowed, first class variety ; pt. 20c.	10
" EARLY MINNESOTA,	dwarf, very early, choice, good quality ; pt. 25c.....	10
" STOWELL'S EVERGREEN,	late, very tender and sweet, long keeper ; pt. 20c.	10
" PARCHING, CONNECTICUT WHITE AND RICE,	best popping ; each, pt. 20c.	10
" JOINT POPPING,	very prolific, fine for popping, (packet only).....	10
" BROOM (DWARF),	fine for brooms and brushes, pt. 20c.....	10

**CUCUMBER.**

CUCUMBER, EARLY RUSSIAN.	The earliest of all varieties ; oz. 20c.....	05
" EARLY CLUSTER.	Very early and productive ; oz. 15c.....	05
" WHITE SPINED.	Great bearer, oz. 15c.....	05
" EARLY FRAME.	Early, short, prolific ; oz. 15c.....	05
" LONG GREEN.	An old standard sort ; oz. 15c.....	05
" SHORT PICKLING.	For pickling ; very productive ; oz. 25c.....	10

**EGG PLANT.**

EGG PLANT, LONG PURPLE.	More productive than Large Round ; oz. 50c.....	15
" NEW EARLY LONG PURPLE.	Earliest of all ; package only.....	25
" NEW YORK IMPROVED ROUND PURPLE ;	oz. 75c.....	25

**ENDIVE.**

ENDIVE, LONDON GREEN CURLED.	Very popular ; oz. 30c.....	10
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**KOHL RABI, OR TURNIP CABBAGE.**

Prepare ground as for cabbage, then plant about the first of June in rows two feet apart, thinning plants to twelve inches apart in the row. To preserve over winter treat as turnips. When young their flesh is tender and resembles a fine Ruta Baga, with less of a turnip flavor. When fully matured they are excellent for stock.



MOUNTAIN SWEET WATER-MELON.

KOHL RABI, EARLY WHITE VIENNA. A nice early kind ; oz. 20c.....	1/2 pkt. cts.	05
" LARGE PURPLE. Very large, hardy and productive—for stock ; oz. 20c.....		05

**LETTUCE.**

Lettuce covets a rich and rather moist soil. It is planted in the fall in hot-beds for late winter marketing. The rows should be about twelve inches apart and the plants be thinned to ten or twelve inches for the heading varieties. The more rapid the growth the better the quality. Some varieties are peculiarly adapted for early culture, others for summer growth.

LETTUCE, FRENCH IMPERIAL CABBAGE. Very reliable ; package only.....	10
" WHITE TENNIS BALL ( <i>White Seed</i> ). A fine early sort—small heads, very hardy ; used for winter culture ; oz. 35c.....	05
" EARLY CURLED SILESIA. Very early ; excellent for salads—a popular variety for hot-beds and early out-door culture ; oz. 35c.....	05
" WHITE PARIS Cos. Best of all the Cos varieties ; oz. 35c.....	05
" DRUMHEAD. Very large ; heads crisp and tender ; oz. 35c.....	05
" TRUE BOSTON CURLED. The most elegant lettuce of all ; oz. 50c.....	15
" VICTORIA CABBAGE. A brown variety—one of the very best for family use ; oz. 35c.....	05
" LARGE PRINCESS HEAD. A new very fine German variety ; oz. 50c.....	15

**MELON.**

Select warm and light soil—a poor, light soil is better than a cold rich one—thoroughly work the soil, manure with guano, phosphate or a rich compost, having the hills six feet apart for the musk varieties, and seven or eight for water melons. Do not excavate hills, but work the manure just under the surface, as the roots of all vines naturally seek warmth. Pinch the more vigorous vines from time to time and work in guano or phosphate between the rows. Plant a dozen or more seeds in each hill and sprinkle young plants liberally with plaster or air slacked lime.

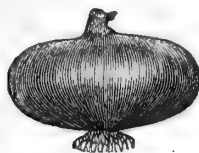
**MUSK VARIETIES.**

MELON, CHRISTINA. (True.) Remarkable for early maturity ; oz. 20c.....	05
" SKILLMAN'S FINE NETTED. Of delicious flavor—early ; oz. 15c.....	05
" NUTMEG. Green fleshed, highly scented ; ours is the Boston variety which is earlier than the nutmeg grown further South ; oz. 20c.....	05
" GREEN CITRON. Green-fleshed ; sweet, melting and rich ; oz. 15c.....	05
" WARD'S NECTAR. Early, sweet, rich and delicious ; package only....	15
" EARLY JENNY LIND. An early sort ; oz. 15c.....	05
" PINE APPLE. Thick fleshed, juicy and sweet ; oz. 15c.....	05
" ALTON LARGE NUTMEG. Sent out as the largest and best nutmeg in the Chicago markets ; oz. 50c.....	15
" CASABA. (New.) A very large, long, green-fleshed melon, of delicate flavor, thick-fleshed, melting and delicious—has been grown to weigh 15 lbs. An acquisition.....	15





YELLOW DANVERS ONION.



LARGE RED ONION.

**WATER-MELON.**

	pkt.	cts.
WATER-MELON, MOUNTAIN SWEET. Delicious—one of the best; oz. 15c.....	05	
“ BAYARD TAYLOR. (New.) Remarkable for its great size and keeping properties.....	25	
“ MOUNTAIN SPROUT. Long, striped, scarlet flesh; oz. 15c.....	05	
“ CITRON. For preserves; very hardy and productive; oz. 20c.....	05	
“ BLACK SPANISH. Large, deep red flesh, very fine; oz. 15c.....	05	
“ NEW ORANGE. Improved in size—the rind will peel like an orange when fully ripe; oz. 30c.....	10	
“ MAMMOTH SWEET, from California; largest, sweetest, best grown; oz. 20c.....	10	

**ONION.**

The onion requires a loamy, mellow and very rich soil; and, unlike most kinds of garden or field vegetables, succeeds well when cultivated on the same land for successive years. Previous to sowing, the ground should be thoroughly spaded over or deeply plowed, and the surface made smooth and even. The seed should be sown *as early in the spring as the soil may be in good working condition*, in drills fifteen inches apart and half an inch deep. When the plants are three or four inches high, thin them to two inches apart; and in the process of culture, be careful not to stir the soil too deeply, or collect it about the growing bulbs. Four pounds of seed are sufficient for an acre.

ONION, EARLY GLOBE RED. One of the earliest, and most productive and handsome of all the red sorts; oz. 35c.....	10
“ WHITE PORTUGAL. Mild flavored, not a good keeper; oz. 30c.....	10
“ LARGE RED WETHERSFIELD. Pleasant flavored, large; oz. 30c.....	10
“ DANVERS YELLOW. (True.) Large, round, earlier than Large Yellow, very profitable; 900 bushels have been raised from one acre; oz. 30c.....	10
“ LARGE BERMUDA. Very large and splendid raw; oz. 25c.....	15

**PARSNIP.**

Give the richest and deepest soil to the long varieties of Parsnip; the turnip sort will grow well on shallow soil. Make the soil very fine and plant the seed in rows eighteen inches apart, thinning plants to five inches in the rows. The seed should be planted half an inch deep. To keep well in the ground over winter, draw a little earth over the tops.

PARSNIP, ROUND EARLY, OR TURNIP. A new French sort; excellent for shallow soil, shaped like a turnip; oz. 20c.....	05
“ LARGE DUTCH. Large and sweet. A standard variety; oz. 12c.....	05
“ HOLLOW CROWNED. The hollow crowns are considered superior in quality to the other varieties; oz. 12c.....	05
“ ABBOTT'S IMPROVED HOLLOW CROWNED. (New.) An English prize variety just introduced; oz. 20c.....	05
“ SUTTON'S STUDENT. A new English variety; oz. 20c.....	05

**EARLY PEAS.**

The dwarf varieties should be liberally manured; the tall sort will run too much to vine if manured; it being better to depend on the richness of land that has been previously in good cultivation. Have the dwarfs, that grow not over fifteen inches high, in rows two feet apart; those varieties attaining the height of from two to three feet, in rows three feet apart; and the rows of the tallest sorts, four feet apart. Bush the tall kinds when six inches high.

	pkt. cts.
PEAS, EARLY KENT (True). This will be found to be a pea of the very earliest class, a keen competitor for market gardeners with the earlier English sorts; qt. 50c.....	10
" CARTER'S FIRST CROP, new; earlier than Dan O'Rourke—pods smaller and more numerous; qt. 50c.....	10
" EARLY TOM THUMB, one of the earliest; a new dwarf, ten inches high, very productive, pods well filled; no garden should be without it; qt. 60c.....	10
" " EARLY DAN O'Rourke, one of the earliest standard market varieties; all the crop matures at once; qt. 55c.....	10
" " McLEAN'S LITTLE GEM. Grows about one foot high; a wrinkled pea, early as Tom Thumb; quality first rate; qt. 75c.....	10

**SECOND EARLY.**

PEAS, BROWN'S EARLY DWARF MARROWFAT. The earliest; qt. 85c.....	10
" EUGENIA, white, wrinkled, sweetest pea grown; pt. 35c.....	10
" DWARF WATERLOO. Described by the Royal Horticultural Society of England as "a pea of the highest excellence;" qt. \$1.....	15
LAXTON'S PROLIFIC LONG POD. Highly recommended by the English as a very prolific long-podded variety; qt. \$1.....	15

**LATE.**

PEAS, McLEAN'S PREMIER. A new English wrinkled pea, sent out as being of superior quality; qt. 80c.....	10
" CHAMPION OF ENGLAND. Imported. A great favorite; qt. 50c.....	10
" CARTER'S LEVIATHAN. One of the improved new varieties, sent out by Carter & Co., the English seedmen; qt. \$1.....	25
" LARGE MARROWFAT. A standard, late sort; qt. 40c.....	10

**PEPPER.**

PEPPER, LARGE BELL. A standard sort; oz. 35c.....	10
" LARGE SWEET MOUNTAIN. Very large, and excellent for mangoes; qt. 50c.....	10
" CHERRY. Small, smooth, and round; a great bearer; oz. 40c.....	10

**PUMPKIN.**

Cultivate as Squash, which see for general directions.

PUMPKIN, LARGE FIELD. Good for stock; qt. 30c.....	05
" MAMMOTH CONNECTICUT, very large, good for table; qt. 25c.....	05

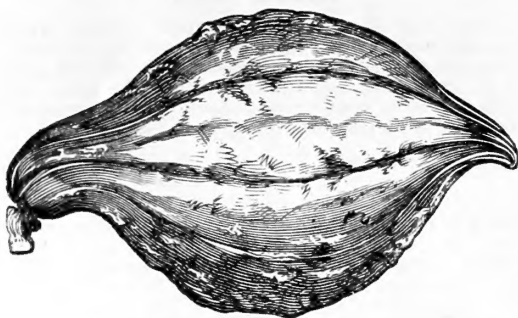
**RADISH.**

RADISH, EARLY OVAL ROSE OR OLIVE SHAPED, tender; lb. \$1.25; oz. 16c.....	10
" " SCARLET OVAL OR OLIVE SHAPED; lb. \$1.25; oz. 15c.....	10
" NEW FRENCH BREAKFAST, white tipped; lb. \$1.75; oz. 20c.....	10
" LONG WHITE NAPLES, green top, excellent; lb. \$1.75; oz. 20c.....	10
" LARGE WHITE SPANISH WINTER, a desirable variety; lb. \$2; oz. 20c.	10

**RHUBARB.**

Sow the seed in drills eighteen inches apart and cover one inch deep. Thin the plants to six inches apart.

RHUBARB, LINNÆUS. A standard, large, early sort; oz. 25c.....	05
" MAMMOTH. The largest of all.....	15



HUBBARD SQUASH.

**SALSIFY, or Vegetable Oyster.**

Sow in early spring on light, rich soil, in drills fourteen inches apart and thin the plants to four inches in the row.

SALSIFY, SCORZONERA, OR BLACK OYSTER PLANT; oz. 25c..... pkt. cts. 05

**SORGHUM.**

Cultivate as corn, with six stalks to each hill.

SORGHUM, LIBERIAN. One of the best varieties for sugar; oz. 20c..... 10

**SQUASH.**

All vines delight in warm and rich soil. Prepare the ground by thoroughly pulverizing. Manure at rate of six or eight cords to the acre, working it just under the surface with the cultivator or gang plow. Plant in hills nine or ten feet apart for running varieties, and five or six feet apart for bush sorts, work some rich, fine manure into each hill

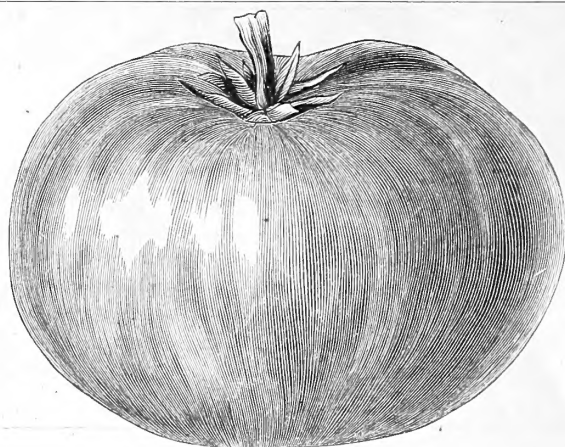
SQUASH, YOKOHAMA. A new, peculiar, prolific variety, from Japan.....	10
" VEGETABLE MARROW. The standard English squash; a good summer variety with us; oz. 25c.....	10
" AMERICAN TURBAN. Decidedly the best of all fall squashes; oz. 25c.	10
" BOSTON MARROW. A standard fall squash; of a rich orange color, and very productive; oz. 50c .....	15
" SUMMER CROOKNECK. Early; fine for summer use; oz. 20c.....	10
" WHITE EARLY BUSH. The earliest sort; oz. 12c .....	06
" PURE HUBBARD. Best of all winter squashes; oz. 25c .....	10
" CANADA CROOKNECK. The small, well-known, excellent kind; oz. 25c.	06
" LARGE WINTER CROOKNECK. The old standard sort; oz. 15c.....	06
" CALIFORNIA MAMMOTH. Grows very large (160 lbs.), and capital for pies; package only.....	20

**SWISS CHARD.**

Plant and cultivate as Beets. The tops while young are boiled as greens, and the center leaf cooked and served like Asparagus.



☞ Where Bulbs are ordered with Seeds, the *Seeds will be forwarded at once*, and the Bulbs sent as soon as the weather will permit.



GRANT TOMATO.

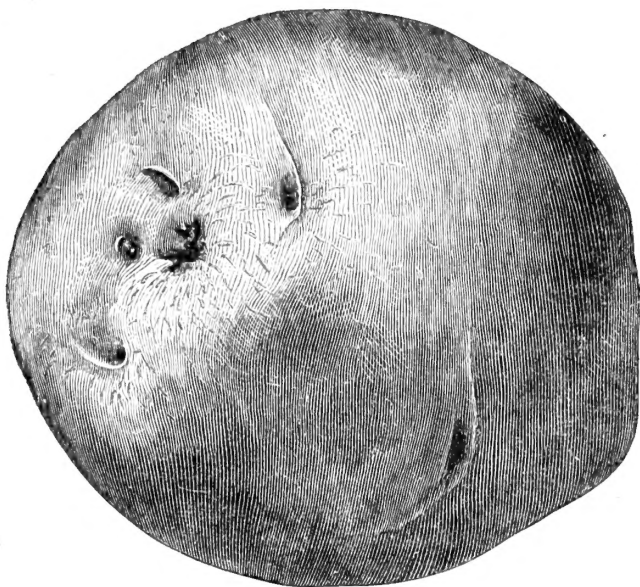
**TOMATO.**

The popularity of this delicious vegetable, and the various ways it can be used, should at once afford it a front position in every garden. Sow the seed in March or early in April, in hot bed, or in pots, boxes, &c., in the dwelling. If convenient, transplant from hot bed to cold frame, to harden the plants previous to final setting out. When settled warm weather comes, transplant to four feet apart each way, in good soil.

	pkt.	cts.
TOMATO, KEYES' EARLY PROLIFIC, very early, good size, excellent flavor, very prolific, and will average the smoothest and fairest of any Tomato grown, except, perhaps, "Sims' Cluster;" oz. 60c.....	10	
" GENERAL GRANT, early, desirable size, smooth, NEW, highly recommended; oz. 75c.....	10	
" ORANGEFIELD'S; OR, SIMS' CLUSTER, grows in clusters, round in shape, finest flavored. When fully ripe, skin peels very readily, small, excellent; oz. 60c.....	10	
" EARLY SMOOTH RED, early, good size and desirable; oz. 40c.....	05	
" MAUPAY'S SUPERIOR, large, smooth and round, solid; oz. 60c.....	10	
" TILDEN, very large, oval and smooth, thick meated; oz. 50c.....	10	
" LARGE YELLOW, hardy, excellent for preserves, &c.; oz. 40c.....	05	
" LESTER'S PERFECTED, large, bright red, flesh firm; oz. 50c.....	10	
" CHERRY, RED AND YELLOW, for preserving and pickles, each.....	10	
" LYMAN'S MAMMOTH CLUSTER, grows in clusters, excellent.....	10	
" LARGE ORANGE, superior to all.....	10	
" HUBBARD'S CURLED LEAF, early.....	10	

**TURNIP.**

TURNIP, CARTER'S IMPERIAL SWEDE. Messrs. Carter & Co. rank this as the best of their Swede Turnips; oz. 10c.....	05	
" EARLY WHITE TOP, white, sweet and tender; very early; oz. 10c.....	05	
" EARLY RED TOP, fine, sweet, mild, rapid grower; early; oz. 10c.....	05	
" ROBERTSON'S GOLDEN BALL, yellow; fine for winter; oz. 10c.....	05	
" WHITE SWEDE, OR RUTABAGA, a standard, white, field variety; oz. 10c.....	05	
" SWEET GERMAN, large, white, sweet, a first rate keeper; oz. 10c....	05	
" LONDON PURPLE TOP SWEDE, short neck and round in shape; grows to a larger size than Skirving's; oz. 10c.....	05	
" LARGE WHITE FRENCH, the standard white market rutabaga; oz. 10c.....	05	

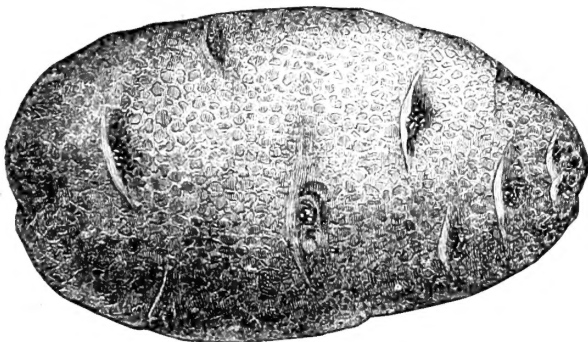


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We will forward four pounds of this famous Potato, post-paid, for \$1.<sup>23'</sup>  
 A bushel delivered at Railroad for \$3.10.....

### **NORWAY OATS.**

We can furnish a few thousand bushels of Norway Oats, warranted true and pure, at \$2.00 per bushel here.



### **EARLY ROSE.**

We believe every customer who has bought this potato of us thinks the money well invested. We offer our stock at \$2.00 per bushel; \$5.00 per barrel; purchaser to pay freight.

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